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EDITORS VIEW

The G.C.C. GAZETTE

EDITOR: Don Woodward

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Since this is my last issue as editor I would like to thank a couple of the people who have made this job enjoyable. A big thanks to Rich Fisher for always having his column in on time; to SPUG for letting me use all the articles from thier newsletter (without these the letter would have been a short note); to Tom Metzger for his library column and last but not least to Vince who was always late with his column and add. I will miss working with all the old board members,who have done more for this club than the general membership will ever know.

I will not be vanishing into space, but will be writing a monthly column for the newsletter. I have not figured out the column name or exactly what it will be about as of yet.

Rich Fischer has started a new tech column for you with this issue. I think everyone will find it interesting,even if you or not good in electronics. There is another crossword puzzle for all of you to ponder over on these long winter nights. It is from SPUG so where it says our club it means SPUG. There are some interesting reviews taken from SPUG. Take a look at the campaign adds from our members and be sure all of you attend the next meeting and vote in the election.

One last little tidbit for all to ponder. The main reason I am leaving this post is the poor support I have recieved from the general membership. I hope some of you will support the next editor with some articles. It is no fun to beat your head against the wall trying to find something to print.

For the last time good reading
Don Woodward,editor

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A USER PORT CONTROLLER INTERFACE FOR THE C-64

by Steve Harrison

There seems to be a fair amount of interest in computer-driven controllers and robotics in the popular electronics and home computer literature. I decided to try my hand at a homebrew user port interface as a first step toward realization of several fun and useful applications that have been rattling around in my cranium.

Many areas of design and construction offer dozens of ways to achieve a desired objective. Electronics is certainly far from an exception. One way to narrow down the field of choices (and optimize the result) is to establish a few criteria based on the intended use(s) of the completed project. In this case, I want the interface to:

1) Minimize drain on the C-64 power supply because little excess capacity exists,
2) Provide high isolation of the circuit being controlled from the user port because of possible long wire runs and high voltages,
3) Incorporate a 12 Volt DC power supply because of the universal availability of surplus 12V relays, solenoids, and other devices useful in the types of projects I am contemplating, and
4) Interface outputs should be off when not under program control but still connected to the user port while the computer is running (the C-64 startup routine sets user port pins "on").

Criteria 1 and 3 compliment each other. Power from the 12V supply is used to run the devices comprising the interface. Criterion 4 was satisfied through selection of an integrated circuit inverting buffer capable of reversing the action of six output lines per chip. A CMOS device (4049) was chosen because of its low power consumption and ability to use the 12V supply. The CMOS output is connected to an opto-isolator to satisfy criterion 2. The isolator's transistor output is capable of meeting the current requirements of most small 12V relays.

The illustration shows only one output from start to finish. Eight additional identical outputs can be implemented by connecting to user port pins D through M rather than C as depicted. The inverting feature requires turning user port pins "off" (POKEing 255-2^(power of the bit position, 0-7)) corresponding to outputs desired "on".

In the illustration, when pin C is "on" or at logical 1, it presents no path to ground through the user port. The CMOS 4049 input is very high impedence, also providing no path to ground. Charge from the +12V supply comes through the 10K resistor and is present at the inverter input, causing the invertor output to go low and supply no current to drive the opto-isolator through the 1K resistor. No current can thus flow through the opto-isolator's light sensitive transistor to energize the coil of the connected relay.

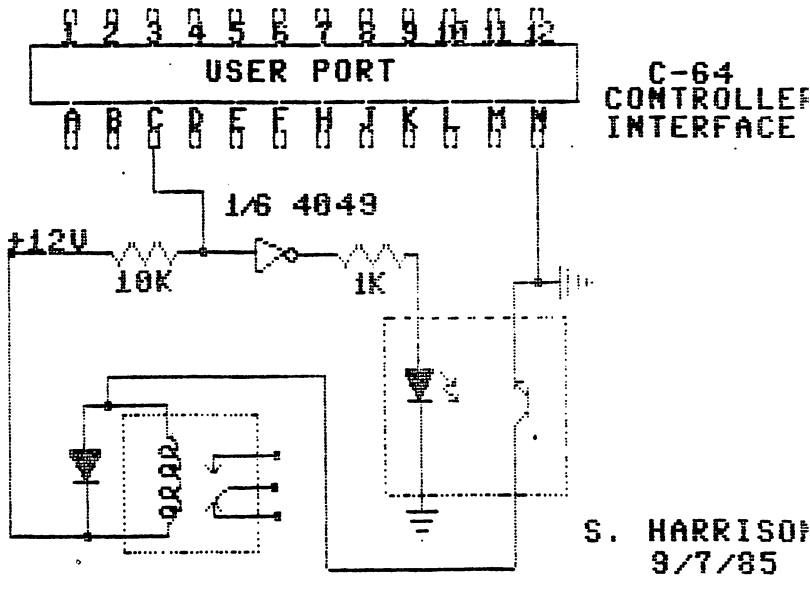
When pin C is "off" or at logical 0, it is capable of connecting 2 TTL loads to ground, or of sinking about 3.6 milliamperes. The 10K resistor limits current from the 12V supply to a safe level of about 1.2 milliamperes. When this occurs, the voltage with respect to ground present at the 4049 input falls below the device's trigger threshold causing the inverter output to go high, lighting the opto-isolator's LED, activating the transistor and energizing the relay.

In practical use, I found the interface to perform largely as expected. I built a small motor powered vehicle from my son's toy modular construction set and controlled it using the relay and a short test program which simply took keyboard input and POKEd the user port registers accordingly. Some of the surplus opto-isolators I tried were slightly out of spec. I had to lower the value of the 1K resistor to allow more current to flow through the LED (don't bother if 25ma isn't enough). One characteristic I didn't expect was the tendency of the interface to switch on when plugged into the user port with C-64 power cut off. I think I've worked out an automatic fix for this, and will report on it in a future article.

I would encourage others to try similar projects. There's something gratifying about successfully imparting artificially intelligent behavioral characteristics to a lifeless pile of plastic, metal, and silicon. Even my son gets enthusiastic when he gets a chance to control his "robot" from the keyboard.

Let me know if any of you have pet projects, or even ideas in this vein. I'm on the SPUG Bulletin Board. Drop me a line. Happy hacking.

```
5 REM A SHORT TEST PROGRAM FOR THE
6 REM C-64 USER PORT INTERFACE
7 REM DEVELOPED BY STEVE HARRISON
10 POKE 56579,255 :REM SET TO OUTPUT
20 POKE 56577,255 :REM TURN ON ALL PINS
30 X=PEEK(197) :REM FETCH KEYBD VALUE
40 REM IF F PRESSED THEN C IS ON
50 IF X=21 THEN POKE 56577,254
60 REM IF SPACE THEN ALL OFF
70 IF X=60 THEN POKE 56577,255
80 GOTO 30
```



Looking—
over the secretary's desk
(for the last time)

It is with somewhat of a sad note that I write this column, as it will be the last time that I am "looking over the secretary's desk". I must say that it was a wonderful two years but it is time for some new faces to appear in the front of the meeting room. As many of you know, I hold membership number ONE, ('cause I wrote the database) and I have seen this club grow from a living room with 10 guys to a large meeting hall filled to capacity. There was a time when everyone in attendance brought along a friend, and a computer. Notes were compared, ideas shared, programs written, and best of all, if you had a question you just tapped the nearest person on the shoulder and asked away. I really miss those times, and I guess it would really be hard to go back to them considering the large crowds that attend the meetings today, but wouldn't it be kinda nice to regain that intimacy that was once shared by those few that started the GCC. The elections will be held at the Janurary meeting, and after that there will be at least one more computer showing up at the meetings, MINE!

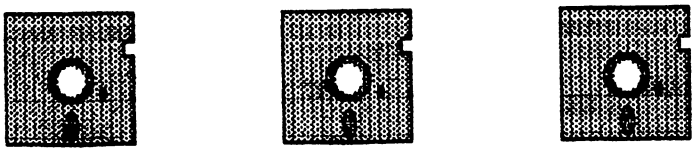
I hope everyone is planning to show up for the Elections and vote for their favorite candidate. This should be our largest crowd in attendance as everyone I've talked to is planning to be there. I also feel sorry for all those peple that chose not to attend the Christmas Party...Boy did you miss a great chance to enjoy just about every kind of cookie there is. In case you were not thanked for bringing something, THANKS, from the bottom of my digestive system...they were all GREAT!! (My hat is also off the those involved in the handling of the ingredients for the punch...WOW!).

One last note-since I will lose the pleaure of putting my thoughts via EASY SCRIPT to this column, look for a new column with my by-line starting this issue, entitled "TECH CORNER". It will contain tidbits of info that may help some of you with problems you have encountered with the "Tech Corner" of your house.

Again, thanks to all of the other board members for putting up with my antics, and most of all thanks to all of you for reading this column and offering your support to me and the club.

See ya at the meeting-

Rich Fisher, Sec'y



ELECTION OF OFFICERS

Election of officers will be held at the regular meeting Jan. 15, 1986.At this time we do not have a full slate of candidates. The list of candidates is as follows:

PRESIDENT
Earl Salmons

VICE PESIDENT
Larry Briggs

SECRETARY
No one is running for this office.

LIBRARIAN
Ken Welker
Rick Case
Bill Mulligan

Editor
Jim Wright

MEMBER AT LARGE
Jole Hillyard
Bill Broda
Pat Foley

Any member will be able to nominate any member over 18 years old for any of these offices before the start of voteing,or if you want to run for office all you have to do is say so when the office you are interested in is called by the president.

Voteing will be done by holding up your membership cards, so be sure to have it with you!

Crossword Magic
a review by Wes Eardley

Here is a great new program by L & S Computerware, and distributed by Alert, its called Crossword Magic. What's great about it, is that it lets you create your own crossword puzzles on your computer, and print them off. The program provides routines so that your created puzzles can be saved, deleted, printed, etc.

The save routine will allow the user to save incomplete puzzles, so that they can be recalled and finished at a later date. The program will display a catalog of puzzles on your disk. Those incomplete will be marked.

The Create a puzzle routine allows the user to fix the size of the puzzle, or choose to have adjustable sizing. Then the user enters in the answers. The program will attempt to fit them into the puzzle. If they do not fit, they are saved aside until they can be used. These used words can be call up at any time during the create process. They can also be deleted. After the answers have been entered, the program will instruct the user to input the clues, for each answer. This process is simple, and can be edited.

Crossword Magic also provides a copy routine, which allows created and saved puzzles to be copied to another disk. Also provided is the Play a puzzle routine, which allows you to play a puzzle on your computer screen.

Crossword Magic comes in a binder type package, that includes a brief but to-the-point instruction manual. There is also a place to keep the program disk, and data disk. It can be purchased locally, for $35-$40. It's a program that you're going to want to add to your library.

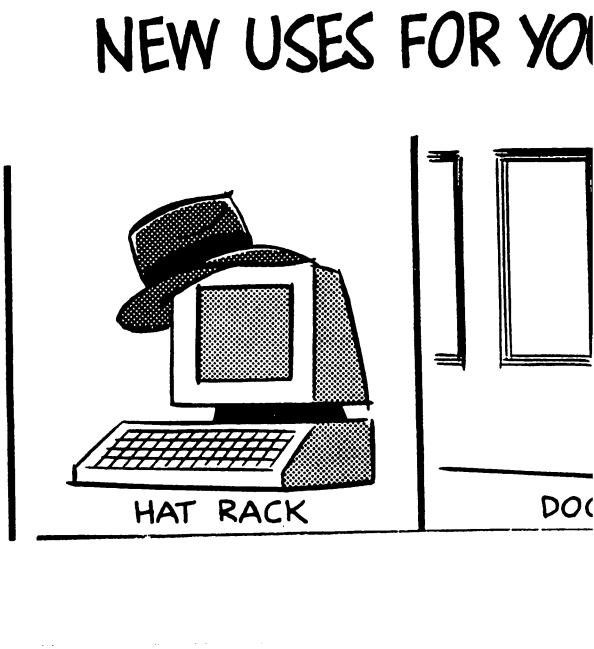
SPUG CROSSWORD PUZZLE
Clues Below—Puzzle Next Page
12/85
Answers Next Month

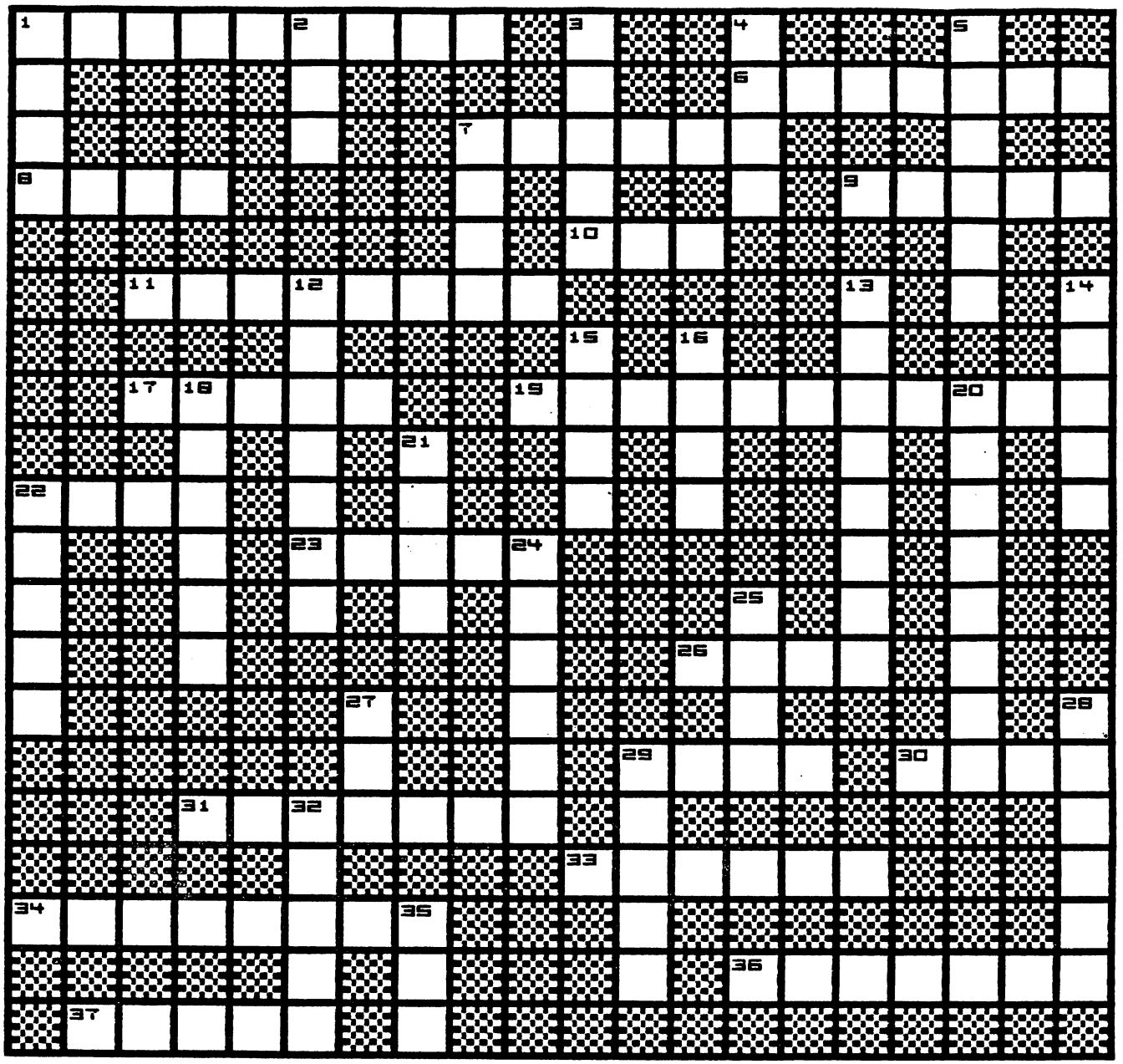
ACROSS CLUES

1. Computer brand.
6. To erase unwanted disk files.
7. A special type of user definable character. 24 x 21 dot size max..
8. Memory location.
9. Diskette.
10. Read-only memory.
11. A machine capable of accepting and processing data.
17. A common computer language.
19. Our clubs' township.
22. A command to screen a program.
23. input.
26. A command to access a given memory location.
29. A programming language.
30. A list of choices given in a program.
31. A sequence of commands which are carried out upon a RUN command.
33. To etch a magnetic pattern onto a disk, so that data can be stored.
34. Special memory storage location.
36. Whole number.
37. Dot of resolution on the screen.

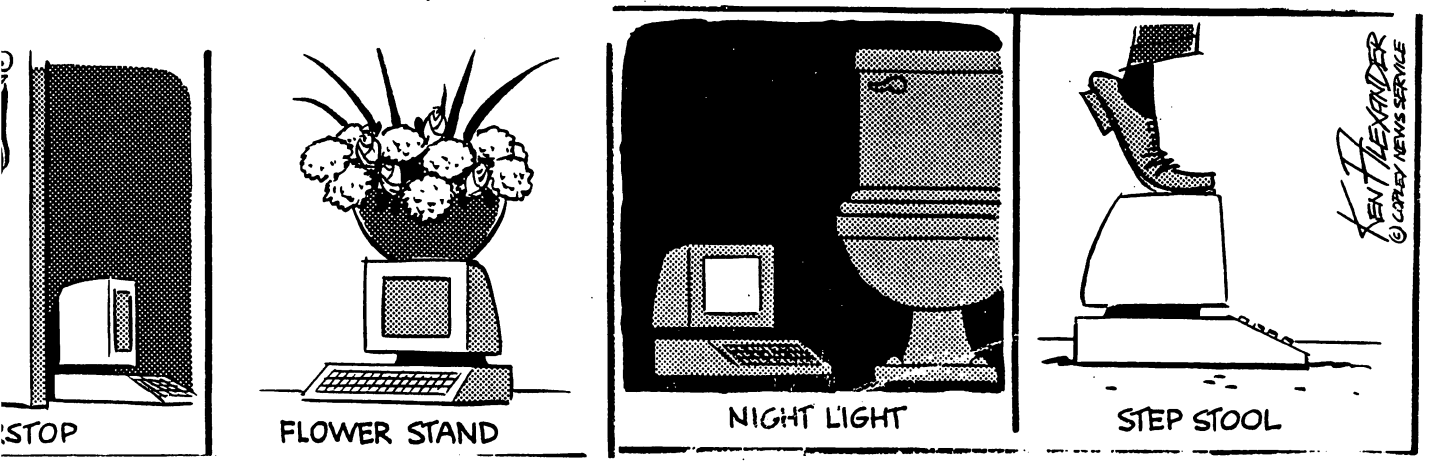
DOWN CLUES

1. Our computer group.
2. Disk operating system.
3. Any command or data given to the computer which it is unable to act upon.
4. A person interacting with a computer.
5. $/ a variable where alphas can be used.
7. The command to record data.
12. The unit used to print data.
13. Removable applications/programs which are usually stored on disk or cassette.
14. Telecommunications devive.
15. Our computer club.
16. a record on disk.
18. rate at which musical note reaches peak volume.
20. shape of the volume of a note over time.
21. information; a basic statement which is followed by a list of items to be read.
22. computer intelligence.
24. without plan or order.
25. to read a file from disk into the computer.
27. error.
28. a specially controlled memory that will hold data.
29. the C64 has one, to access it use TI or TI$.
32. base-8 number system.
35. random-access memory.





R HOME COMPUTER



The Tech Corner

By Rich Fisher

Welcome to a new addition to the Gazette, the "Tech Corner". This column is dedicated to that little tech corner of your abode that houses your computer and the associated hardware that helps it to perform the many tasks it is assigned.

This month we offer a little help to all those people that have received a new Zenith TV for Christmas to use as a monitor only to discover that with your Commodore attached the picture shakes vertically, and with an on the air signal it works perfectly.

By way of explaination, normal TV pictures are comprised of little lines called "scan lines", 525 of them to be exact. Your '64 picture however is made up of only 524 of the little devils, and therin lies the problem. Zenith has a little circuit that counts them and after 525 it knows the next line belongs at the top of the screen. If the count is off by more than one, the set will revert to the old method of operation and move the screen up one line. Then it starts counting again, etc. It is easy to see that every other picture occupies a different place on the screen, by one line, hence the jitter.

THE FIX-unplug the set, remove the back, and look it the front right edge of the panel that occupies the floor of the set. Look for a small 2 pin jumper plug labeled SM. Unplug and rotate it 90 degrees to place the set in the "forced asynchronous" mode. The set will now work with the computer and also when hooked to cable or an antenna.

If your Zenith is a couple of years old look at the Vertical module (9-152-XX) for a plug attached to a 1" Yellow wire. Just unplug the wire and leave it dangle, this will give the same results.

Well, thats Tech Corner for this month. If you have a problem, or a comment, let me here from you and maybe I can help you and others with the same problems. Address all correspondance to:

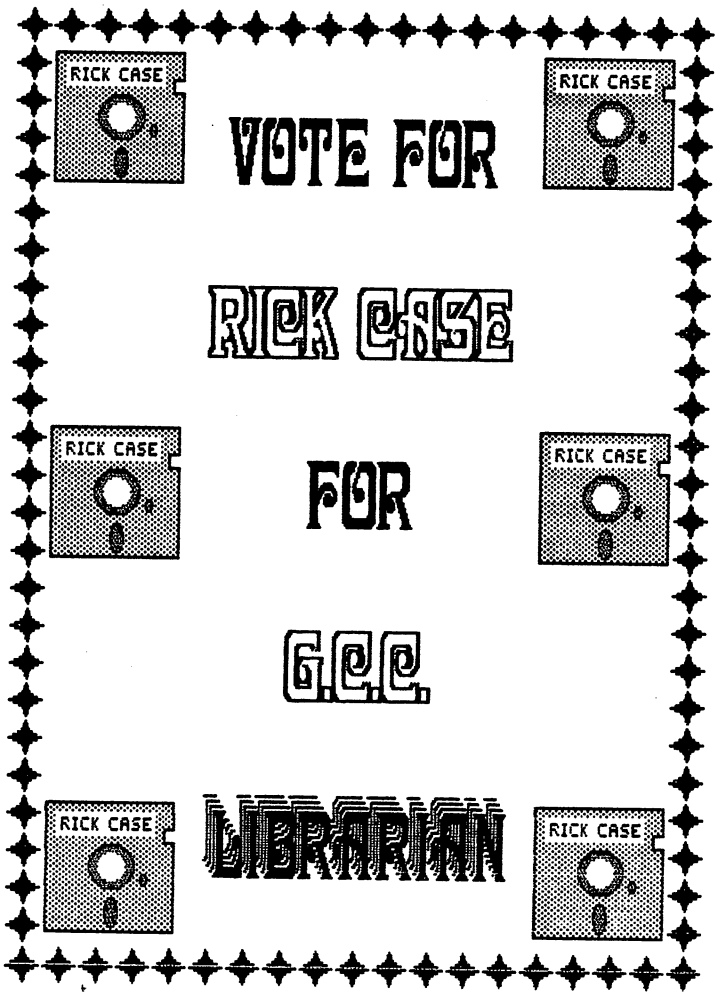
The Tech Corner
% Rich Fisher
P.O. Box 207
Belleville, Il 62222

One last bit of data from the tech corner: the next time you start to load a protected game disk that bangs your 1541's head against the stop, enter and execute the following line:

```
10
OPEN15,8,15:PRINT#15,"M-W"CHR$(106)C
HR$(0)CHR$(1)CHR$(133):CLOSE15
```

That little one liner will silence errors 20,21,22,23,and 27, and will definately add to the life of your drive.

That's it for this month, hope to see all of you at the meeting, and keep those cards and letters comming!



Interactive Fiction
By Darren Chapman

Alias Cawl Lomillailor

Who of us has not dreamed of exploring a mysterious and magical cave, or becoming a full fledged sorcerer. Maybe you're more into sci-fi and would rather be in the Stellar Patrol. Perhaps you just like to settle down to a nice pyramid in the Sahara. Well, whatever your fancy, there is an adventure game for you.

What is an adventure game? An adventure game is a program that puts you in a puzzle, and you use your mind, not your reflexes, to figure it out. There are no blobs or invaders to blast, in fact in most there are no graphics at all, just prose.

It all started with a man named Don Woods at M.I.T. He wrote the original Adventure, a crude version whose only audience was on that mainframe. More and more people got interested in this strange and enchanting program. Pretty soon it was refined and sent to more mainframes across the country. In this adventure, you are supposed to explore Clossal Cave for treasure and return it to the well house outside. This game is available for almost all forms of microcomputers or you may play it on Compuserve or The Source. There is also a version of this on the 64-1 disk in this user group.

After Adventure came out, some other people at M.I.T. decided to write a game of their own. The implementers' names were Marc Blank, Bruce Daniels, Dave Lebling, and Tim Anderson. The name of their creation was ZORK, it was just a nonsense word but they thought they would come up with a better one later. It was written in MDL(called MUDDLE by its users) and like Adventure, it only ran on that mainframe. After a long time of programming, de-bugging, and more de-bugging, they had a good working adventure that more and more people were playing. They had the notion that ZORK couldn't be programed in FORTRAN, so what happens? someone converts it to FORTRAN and it works. This version was called Dungeon. Well now came the time for Marc and the group to change the name, but Dungeon was taken so they left it ZORK. Well after ZORK became so popular, they formed a company called INFOCOM and converted their programs to run on microcomputers.

Zork I: The Great Underground Empire. They took the original ZORK and <u>divided</u> it up into 3 games: this is the first. You must explore the empire, searching for the twenty treasures of the ancient Zorkers. I finished Zork I after about 6 months and with a little help I must add. I won't give anything away, but that the thief is more helpful than he looks.

Zork II: The Wizard of Frobozz. From here you must find and eventually defeat the wizard using magic and counter-magic. I finished Zork II in about 4 months. Then from here you go to:

Zork III: The Dungeon Master. It all comes down to this. Oh, no! What do you do now? Do you steal the treasure from your "friend" or take the staff? Do you open the door in the royal puzzle or somehow get the ladder to the opening? Eventually you must meet the DM and fail or succeed. It took me about 3 months to finish this one.

The Zork Trilogy is very well written and should keep you entertained for a long time. But that is only the beginning.

Enchanter. Who is Krill, where is he and how do I defeat him? These are questions you will be asking yourself when you start playing Enchanter, first in the Enchanter series. You will find yourself a lowley apprentice Enchanter, up against a mighty sorcerer. The Circle of Enchanters has sent you here for if they came themselves Krill would sense their mighty aura and crush them, but an apprentice would not be noticed. You will find scrolls all over in this game, scrolls that you need to finish the game with, or do you? Well, anyway Enchanter is a wonderful and well written game. It only took me four days to finish it but I'm getting fairly good at it.

Starcross. You, commander of the mining ship Starcross, receive a signal from an ancient artifact. You must get in, repair the systems and send the ship on its way to Earth where its knowledge will be used for the benefit of mankind. It's not as easy as it sounds. Don't ignore all the rods scattered through the game, they are very important. It is a very good game with semi-original concepts. It took me 3 months to finish this game.

Suspended. How would you like to be kept in cryogenic freeze for 500 years so you can be awakened if the weather computers break down. This game is unique in that you control six robots and you cannot do anything in the game itself. Guess what, the computers break down and you must fix them. Sounds easy, with six robots at your command. Well, there is a catch: each robot has 1 special attribute that the others don't, like iris can see, auda can hear, etc. This is a very good game that kept me going about 7 months.

Planetfall. It is the year 11,344. You are in the Stellar Patrol. What are you doing there, scrubbing floors, what else. All of a sudden, your ship is blown out from under you. You escape in an escape pod. Phew!! You crash on a strange planet covered with water. To finish the game you must find the meaning behind the two complexes and make any repairs necessary. If you have read The Hitchhikers Guide to the Galaxy, you will recognize some of the objects and humor in this game. It took me 2 and 1/2 days to finish this game(getting good aren't I). Speaking of the Guide:

The Hitchhiker's Guide to the Galaxy. First, read the book. It won't help much but it is a riot. Now that you've done that, play the game and don't forget your towel. You are Arthur Dent, a very ordinary ape-desticlent. The begining is a lot like the book, but from then on, it is all new. This game was written by Douglas Adams and Steve Meretzky(Planetfall), and it shows. This one is very funny and well written. It also took me 3 months and a hint book to finish, but I had lost my common sense.

I have also played and finished Deadline and Infidel but I don't have the space to go into them. Let's just say that in my opinion, Infocom is the best in the business.

If you need some help on any of the aforementioned games, you can either call me at (217) 323-4336 or by E-mail on compuserve to user 72027,644. You won't be able to send E-mail until the day after you join, but it's a good BBS.

TELECOMMUNICATIONS: CHANGING FILE TYPES

by David L. Lanier

As you become more familiar with talking to other computers using a modem, you may find many occasions where you need to send and receive programs as sequential files. When you are talking with another Commodore computer the most elegant solution is to use Punter protocol (e.g.TERM.64 or VIP TERMINAL) or CP/M protocol (i.e. XMODEM, VIP XL).

The problem arises when you send and receive BASIC program files with non-Commodore computers. In this case, programs are usually converted to sequential text files, sent in this form and then converted back to program files after they are received. When sending sequential text files, such as those created by a word processor, there are no major problems since many terminal programs have utilities to translate Commodore ASC to standard ASCII before each each character is sent.

So, why are program files different? To understand this you must look at the way program files are stored in memory and on a disk. Each line of a program begins with four bytes. The first two of these bytes are used to tell the BASIC interpreter where the next program line begins. The other two bytes code the line number in LO-BYTE, HIGH-BYTE order. The other major problem is that every BASIC commond is in tokenized form on the the disk and when the program is in memory. For example, the command PRINT is stored as a single chr$(153). What one needs to send is not a single chr$(153) but five different ASCII values chr$(80) for a "P", chr$(82) for an "R", chr$(73) for an "I", etc. The problem becomes more complex in that characters in quotes are preserved rather than tokenized even if they happen to spell-out a BASIC keyword. Finally, a byte with a value of 0 is added to the end of BASIC line.

So much for the problem. It turns out that there is a very easy way to convert a tokenized BASIC program into an untokenized sequential text file on the Commodore. Simply load the program into memory and type the following two lines in direct mode:

```
OPEN8,8,8,"ANYNAME,S,W":CMD8:LIST        [RETURN]

CLOSE8                                   [RETURN]
```

Note that the drive will be spinning and the red light will be on when you type the second line above. When the cursor returns, the drive stops spinning and the red light goes out you can LOAD and LIST the directory. It should now contain a new file entry called "ANYNAME" that is slightly longer than the original program file and will have a file type of "SEQ". What you are doing here is "dumping" a listing to the disk and that the commands you are giving are quite similiar to the way you would "dump" a listing to the printer. The only difference is that you need to specify a file name for the diskette.

That was easy enough. Now how do we go the other way? The easiest way to convert a sequential file to a text file is to read the file, and then fool the computer into "thinking" we entered the program lines from the keyboard. This is another example of the dynamic keyboard technique which will be covered in a future article in this newsletter.

Type in, SAVE and then RUN this program:

```
60000 INPUT"[CLR][DOWN][DOWN][DOWN]FILE NAME";N$
60010 PRINT"[CLR][DOWN][DOWN][DOWN]":OPEN2,8,2,"0:"+N$+",S,R"
60020 GET#2,A$:IF A$=CHR$(13) THEN 60020
60030 PRINTA$:GOTO60050
60040 OPEN2,8,2:PRINT"[CLR][DOWN][DOWN][DOWN]"
60050 GET#2,A$:IF ST<>0 OR A$=CHR$(10) THEN 60090
60060 PRINT A$;
60070 IFA$=CHR$(13)THENPRINT"RUN60040[HOME]":POKE198,2:POKE631,13:POKE632,13:STOP
60080 GOTO 60050
60090 CLOSE:POKE198,0:PRINT"[CLR][DOWN]DONE[DOWN]"
60095 OPEN15,8,15:INPUT#15,A$,B$,C$,D$:PRINTA$,B$,C$,D$:CLOSE15
```

I will spare you a lengthy explaination of this program. If certain things seem illogical (i.e. re-OPENing file #2 without a filename every time we print a line to the screen), suffice it to say that it works. The heart of the program is line 60070. When we reach a carriage return (chr$(13)) we print "RUN60040[HOME]" on the screen, POKE198 with the number 2 to indicate that there are two characters in the keyboard buffer, POKE 631 and 632 both with the RETURN character and then STOP the program. The computer stops momentarily, but "thinks" the user has typed a carriage return from the keyboard on the text line that was just read from the disk. That line becomes a part of the program in memory. Next, the second carriage is executed on the screen line where the "RUN60040" is printed and we are back a line 60040 and reading the next line of the progran listing on the disk.

The critical elements of using the dynamic keyboard technique in this and other programs are that the text must be carefully placed on screen and that the cursor must be placed three lines above the first screen line to be executed. When the program stops the cursor moves down one line, BASIC prints READY on the second line, and then prints another blank line before checking the keyboard buffer.

When the above program is executed, it reads a sequential file of the name the user specifies and adds those program lines to the program in memory. Note that the program lines from 60000 on will still be on the end of your program and can be manually deleted if necessary. We could have used the dynamic keyboard to automaically delete those lines, but I have attempted to keep this program as simple as possible. Next time, we will explore some other uses of the dynamic keyboard including a way to automatically delete lines in a program.

BILL MILLIGAN FOR LIBRARIAN

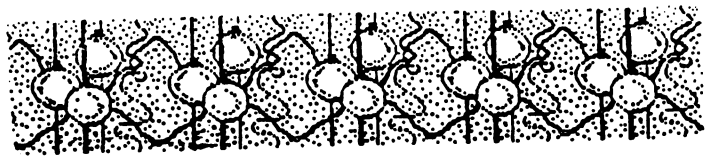
COMAL
review -by Paul Escarraz

I have never written a software review of any kind, so I'm not sure where to start, but here it is. I received the COMAL TODAY package as a door prize at the October SPUG meeting. I picked this particular package because of my interest in programming graphics, games in particular. All I knew about COMAL at the time was that it is a computer language which can be used on the C-64, and I suspected that its major purpose was graphics programing.

My first impression of COMAL after using this package one time, and reading though the short manual included in this package, was that it was nothing more than an improved version of BASIC. I thought that it was no better than Commodore's BASIC 7.0, and not worth the investment since it seems to cost quite a bit to purchase the software advertised in this package. I'm still not sure how much of that software is necessary, but I was able to do some programming with this package, once I determined how to get past the demos and tutorials.

After several times though the manual and the tutorials I am slightly impressed with a few of the commands, such as the case statement, which is very similar to the PASCAL case statement, and the goto statement, which uses labels rather than line numbers, a great improvement. Also after my first attempts at programming in COMAL, I am very impressed with the error messages provided. It simply would not let me make mistakes. Every time I typed something wrong the system beeped at me and displayed a reasonably understandable error message.

I am still not convinced of the usefulness of COMAL to a C-128 owner, but I may do some more experimenting in the future. If you intend to do graphics programming on the C-64, I would highly recommend the COMAL language over BASIC 3.0.



Bits 'n pieces on the C-128

by Michael LaPaglia

Random notes on the new C-128.

FASTLOAD: Fastload will work in the 64mode IF you do it properly. First,Turn off the drive AND the computer. Insert the fastload cart. Turn on the drive, then hold down the C= key and turn the 128 on. If after 20 sec. you do not have an opening screen press the reset button.

The poke and peek commands have new abbreviations shift the third letter not the second. poke = poK: peek = peK (pO=pot)to be safe shift the third letter on all commands.

To load and run ANY basic prg on disk use the command ' RUN"PRGNAME" ' where "PRGNAME"=the name of the program you want to run. This will allow the load and run of more then just the first prg on disk.

To load and run the first program om the disk (LOAD"+",8:RUN) press SHIFT+RUN/STOP.

POKE 808,100 to disable run/stop restore.
POKE 808,110 to enable run/stop restore

If you hold down the run/stop key and press the reset switch you will warmstart the 128 and be in the monitor. type X and you will find your basic program intact. This is usefull of you ever lock the machine up.

An easy way to use the DLOAD command to load from the directory is to reprogram F2 to read KEY2,"DLOAD[17curser rights]:". This will place the colon after the file name to prevent a syntax error if you load from the directory

When using the OPEN statment to open the RS-232 port (modem) you must use both the command req. and the control reg. ex.

```
OPEN2,2,2,CHR$(6)+CHR$(0)     [right]
OPEN2,2,2,CHR$(6)             [wrong]
```

CP/M disks made on the C-64 CP/M cart WILL work on the 128 w/ 1541 drive IF you BOOT the CP/M 3.0 disk first

In the manual The discriptions for ESC O and ESC C are reversed.

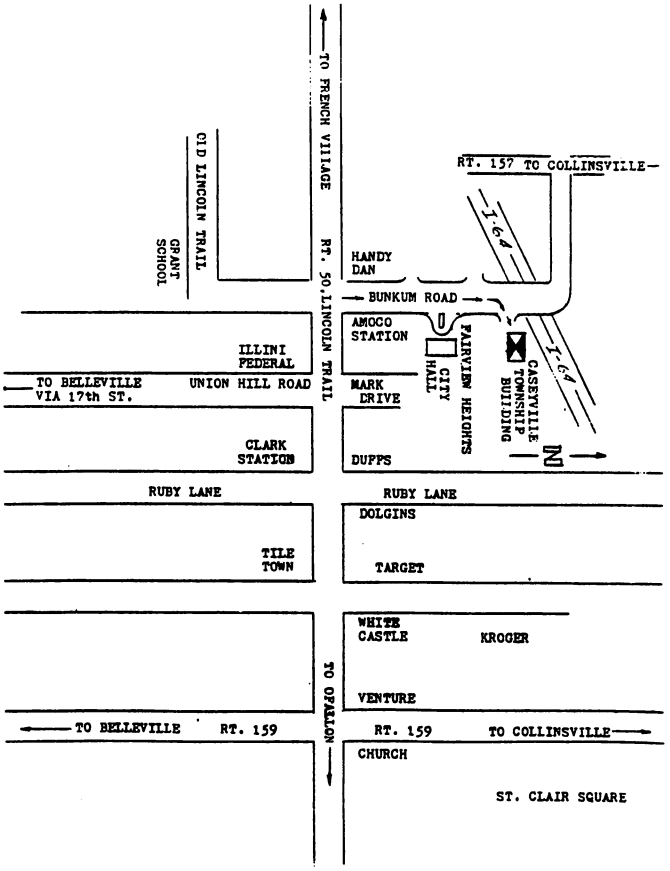
POKE 53281,x and POKE 53280,x remain the same on the C-128 mode for 40 col. display.

The BOOT"filename" command does not work with the 1541 but does work with the 1571 drive. The BOOT command will work with either drive.

Try this: SYS32800,123,45,6

PRINT CHR$(7) produce a bell sound

TE: Meetings are held on the third Wednesday of every month at the Caseyville Township Building



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More Than a BBS,
Its MANIA Join Us
Mike Nettleton, Sysop

THE C128 AND TWO MONITORS
BY GREG SIMPSON

With the Commodore 1902 monitor in short supply, many people are using the 1702 composite monitor with two cables in order to achieve both 40 and 80 column modes. I have discovered another alternative that offers a significant advantage. I use the 1702 composite monitor connected via the three rear RCA jacks and a monochrome monitor hooked to the RGB output.

Switching between 40 and 80 column modes requires accessing switches on the 1702 and 1902 monitors. Using a two monitor setup, you can toggle back and forth between the 40 and 80 column modes with "ESC X" from the keyboard and amazingly you do NOT loose the screen picture from one monitor when you switch to the other! The screen memory is controlled separately for the two video outputs: the picture remains even when you change modes. There may be some useful application for these dual screens, but there are even greater graphics possibilities. Normally graphics are sent through the composite video output, not the RGB output. When a series of graphics commands are entered and executed on the RGB screen, the graphic results are immediately output to the composite screen. With a dual-mode monitor such as the 1902, you would have to manually move the composite RGB switch to see the results of the graphics subroutine that had been run in the 80 column program, and you would not be able to see both screens at once as you can with the two monitor setup I've described.

The first practical application that comes to mind for this wonderful attribute is spreadsheet use. Imagine the visual impact of viewing the spreadsheet data on your 80 column monitor and at the touch of a key seeing the colorful and explicit pie charts, bar graphs, etc. on your composite monitor. Remember when the output is shifted from monitor A tomonitor B, monitor A's last screen stays visible. I am anxiously waiting to see what innovative programmers will be able to do with the dual monitor outputs.

Consultant Version 3.0?

Batteries Included has a new version of "The Consultant" and this one has a 64 version; turn it over and you have the new 128 version. The 128 side is faster and makes full use of the enhanced C-128 keyboard. They also corrected the problem with the old key not fitting into the 128's joystick port.

The update policy with this new version is as follows: If you send them your old version of The Consultant/Delphi's Oracle, your old key, and 30 dollars, they will send you the new version in return. Yes the new version uses a completely new key, your old one will no longer be good.

By the way Batteries Included does not recommend the use of DOS altering programs, such as Fast Load or Kwik Load, with the Consultant.

For more information contact

Batteries Included
30 Mural Street
Richmond Hill, Ontario
L4b 1b5 Canada

(416) 596-1405

GATEWAY COMPUTER CLUB

GAZETTE

February 1986 Volume 3 Number 2

GATEWAY COMPUTER CLUB

PO BOX 207
BELLEVILLE IL 62222

The G.C.C. GAZETTE

EDITOR: Jim Wright

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THE CLUB

Membership fee is $15.00. Members receive access to our programs, literature, BBS. and newsletter. Direct all membership applications and questions to GCC, BOX 1839, Fairview Hts,Il, 62208. ATTN. Secretary.

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PRESIDENT:	Earl Salmons	397-5029
VICE PRES:	Larry Briggs	345-0220
SECRETARY:	Pat Foley	876-4566
TREASURER:	Bob Suarez	277-8057
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EDITOR :	Jim Wright	233-1198
M.A.L. :	Bill Broda	533-0148
M.A.L. :	Joel Hillyard	282-3758

From the Editor's Desk:

Welcome to my first issue! Hopefully everyone will have received this newsletter by the day of the meeting. I am trying to get them out a few days earlier than usual. If anyone is having trouble getting theirs, extra copies will be available at the meetings, and be sure to leave you name and address with me so that I can try to iron out any troubles. But, unfortunately, I may not be able to be at all the meetings, due to a night class on Wednesdays, but I'll try to make most of them.

A few changes that I will be making to the newsletter are as follows. First, I am adding a Classified Ads section. If anyone has something (anything!) you'd like to sell, just give me the add, either on disk or on paper. Next, if I get enough complaints about this issue, I'll start up a Letters to the Editor section. That should give me plenty to print. Also, it was decided to start putting in members names whose dues are due. This is to serve as a reminder, in case you've forgotten. The date your membership expires appears on the lable for the Newsletter, but I know that nobody really reads the lable. A few complaints were heard the last time this was done, but there is an easy solution. Check and pay your dues early! Fourth will be a calendar of events. This will be a list of upcomming Club related activities.

Another idea that I have decided to impliment is called a Newsletter Kit. The kit consists of a floppy disk, and a disk mailer, complete with the club's address on it. This is to make it convenient for those of you who can't seem to find a disk or don't know where to send your article to. Yes, articles are still needed. I have no intensions of sending out the Club Newsletter on the back of a postcard. So let's see some activity!

That's all I have for now. Ti[illegible] next issue...

Jim Wright, Editor.

VIEW FROM THE TOP

My thanks to everyone for their support in the recent election. There is a lot to be done, and from the way the first board meeting went it looks like it will be done. The new board is enthusiast,ready, willing, and able to do a great job. We want and need input from each of you, so speak up, we will listen. This is what was discussed at the board meeting:

THE RAFFLE has been kicked around for sometime, so it was decided to hold the drawing and get it over with. No matter what, the drawing will be held at 9:00P.M. the night of the March meeting (March 19th). You may purchase tickets at the Feb. and March meetings. Who knows you may win the 128.

MEETINGS are to go back to the old format of holding the business meeting first, then have the programs, demo or whatever later. Also to save time all reports will appear in the GAZETTE. This will save time as the officers will not have to read them during the meeting. If you have any question, comment, or remarks about any of these reports you will have an opportunity to do so.

50-50 DRAWING. This drawing will be held at each meeting. The profit from every third drawing will go to the building fund, the rest will go to the club.

COMPUTER FAIR. Larry Briggs, who was appointed last year as chairman of the Fair, thought it would be best to resign since he was elected Vice President. I then appointed Jauanita Welker as chairman of this year's Computer Fair. At the Feb. meeting I will appoint two members to work with her. If you are interested in working on this committee let me know.

Earl Salmons, President GCC

Looking—
over the secretary's desk

This is my first duty as the secretary of the GCC and since this is also the first time I am using Easy Script, please bear with me if there are any glaring errors.

The minutes of the previous meeting will be printed in this column henceforth to allow more time on meeting nights for special programs, demonstrations and more important things than reading the minutes.

The election of officers for 1986 was conducted with only one position requiring a show of membership cards. Ken Welker and Rick Case both ran for librarian with Ken getting the nod from those attending.

Since no other candidates had any opposition, the slate of candidates were elected by acclamation.

The new officers are President Earl Salmons; Vice President Larry Briggs; Secretary Patrick Foley; Treasurer Bob Suarez; Librarian Ken Welker; GCC Gazette Editor Jim Wright, and Members at Large Joel Hillyard and Bill Broda.

Other business included the elimination of the Sysop position. It was decided to eliminate the position since no one was using the GCC BBS.

Also, an amendment to the club's by-laws was approved by a majority of the members present. The amendment reads:

The Executive Board will be provided with a working cash fund for the purpose of purchases and to pay expenses incurred by the club for normal operation. No single expenditure can exceed $100 without general membership approval. No monthly total can exceed $500 for any period of meeting date to meeting date without general membership approval. All expenditures will be documented by the Treasurer.

An auction was approved by the members for the February meeeting. The idea of a club picnic was discussed, but, for lack of volunteers to make specific arrangements, was tabled to the February meeting.

Retiring President Vince LePes thanked his executive board and the general membership for their support during his term as president of the club.

Please bring your copy of the GCC Gazette to the next meeting as the secretary's report will not be read to save time.

Patrick Foley, Sec'y

The Tech Corner

By Rich Fisher

Hello again, and welcome to the "Tech Corner". I'm really not sure that anyone is really interested in this column though, I (much to my surprise) didn't receive even one single piece of mail. You see, the idea was to provide answers to some of your questions in this column, and hopefully several people would benefit from those answers. So I have to assume that either no problems exist out there or nobody reads this column. If this sounds like I'm begging for someone to send a letter, ok....PLEASE SEND ME SOME QUESTIONS!!! If you are bashfull, sign them with initials or a pen name, anything will be considered.

Since there were no questions, here are a few tips I have found useful:

MODEM USERS: You are communicating and another family member picks up an extension phone. Now you are looking at a screen full of garbage. If this sounds familiar then all you need is a Double Pole Double Throw switch at your computer to keep your setup isolated from the rest of the house. At your entrance bridge you will find four terminals, only two of which are used, the red and green. Wire all of the phone extensions (except yours) to the yellow and black terminals normally not used, then run a four wire cable to your set up following the color code. Hook up the red/green wires to your modem/phone and to two poles of the dpdt switch. Hook the yellow/green wires to the other poles of the switch. If you open the switch only you are connected to the phone lines and all of the extensions in the house are disconnected, and closing the switch when you are finished will restore the system to normal.

PRINTER USERS: If you have trouble with your paper jamming, spray teflon or silicon lubricant on the paper feed path and (sparingly!) run several sheets of old paper through to pick up the excess. You will be amazed at how much smoother it feeds.

KEYBOARD USERS: For all you graduates of the touch-typing classes...try a drop of glue on the F and J keys (also called home keys), locating them will never be the same.

WAIT: A seldom used command that will cause a program to halt until a key is pressed. A good example of this command was in a Run Magic Tip pertaining to the T&S program that comes on the 1541 Demo Disk. Add the line:

453 WAIT 198,1,1

Whenever you want to pause just press any key (except stop or shift) and to resume just press another key...cute, huh?

TV USERS: If you are using a regular tv instead of a monitor, connect a 150 Ohm 1/2 watt resistor across pins 4 and 1 of the Audio/Video plug on the back of your computer....The added picture quality is amazing!

COLUMN USERS: If you are using this column....Send in your cards and letters.

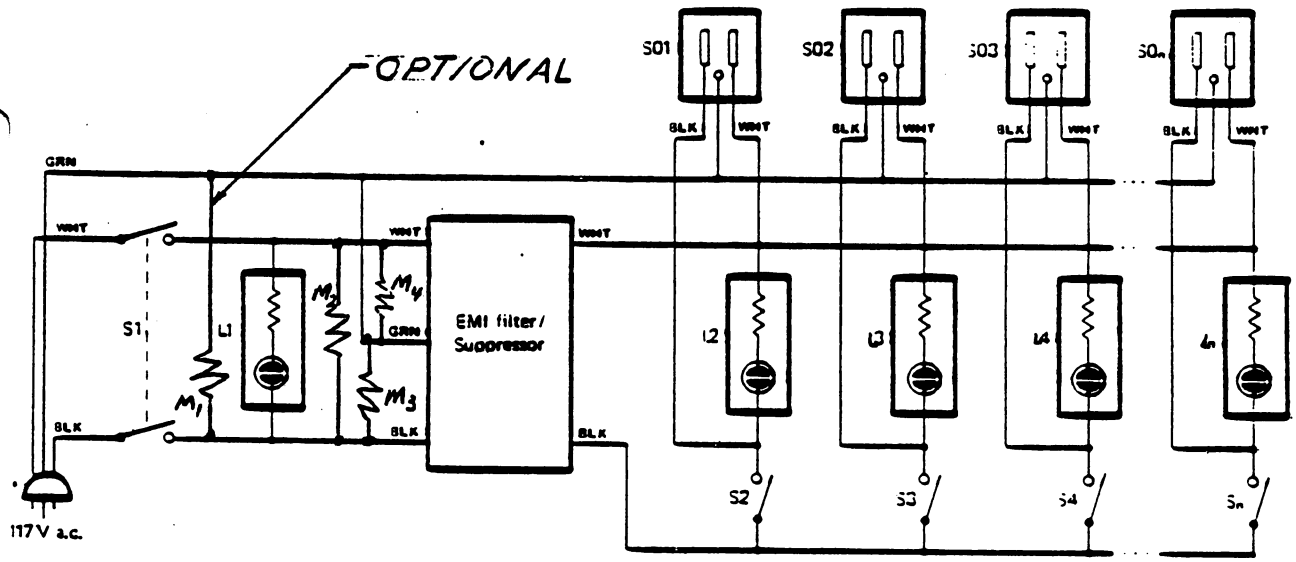
Send to:

The Tech Corner
PO BOX 207
Belleville, Il 62222

POWER PANEL WITH A DIFFERENCE
by Don Woodward

I know some of the members are like me, a frustrated electronics engineer. I have always enjoyed electronics projects, but I never could quite grasp all the principles. I have constructed a project that can be done by anyone with a small knowledge of electricity-electronics.

In the November 1985 issue of Modern Electronics there is an article on an individually controlled power panel. It is similar to the power strip that is controlled by a single switch, but with this panel you control the individual outlets. The panel is both EMI (Electro Magnetic Interference) and spike protected. The schematic is easy to read and easy to understand. I had to make one addition to the original, otherwise the panel can be built as is (Fig. 1). I tried looking for a EMI and spike protected filter combination, but this was not available in this area. I had to buy an EMI filter and four MOV (Metal Oxide Varistors) instead of the one unit. The biggest problem I had was finding all the materials. At the end of this article you will find a bill of materials and source list. I purchased most of my parts from Gateway Electronics (8123 Page). To get to Gateway take 40 to 170; get off at Page and go east approximately 1/2 mile and look left.

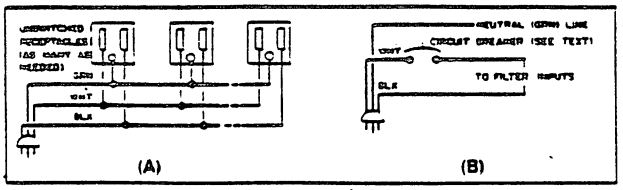


(Fig. 1)

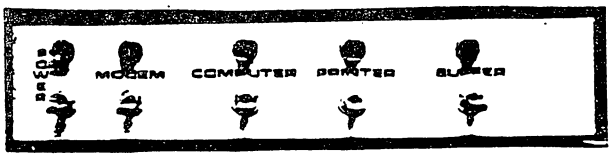
On the Construction side of the project you will notice that the panel uses four square receptacles for the power out. To cut these I used a Dremel tool with cut-off wheels. A chassis punch would be much faster to use, but the Dremel tool did a flawless job. The article recommended a 2x5 1/4x5 3/4 box. I built my own (2x6x10) so I could add one more receptical to control a second disk drive.

The cost of the project was $25.00 not including the box. I looked at commercially made panels at a cost of $100.00. I saved $75.00 and got a huge amount of personal satisfaction from the project. I will have the panel with me at the next meeting for anyone who is interested.

Options that can be added to a basic controller system include series of unswitched receptacles (A) and circuit-breaker protection (B).

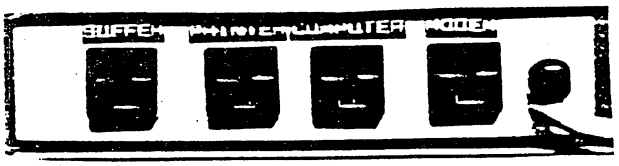


(Fig. 2)



(Fig. 3)

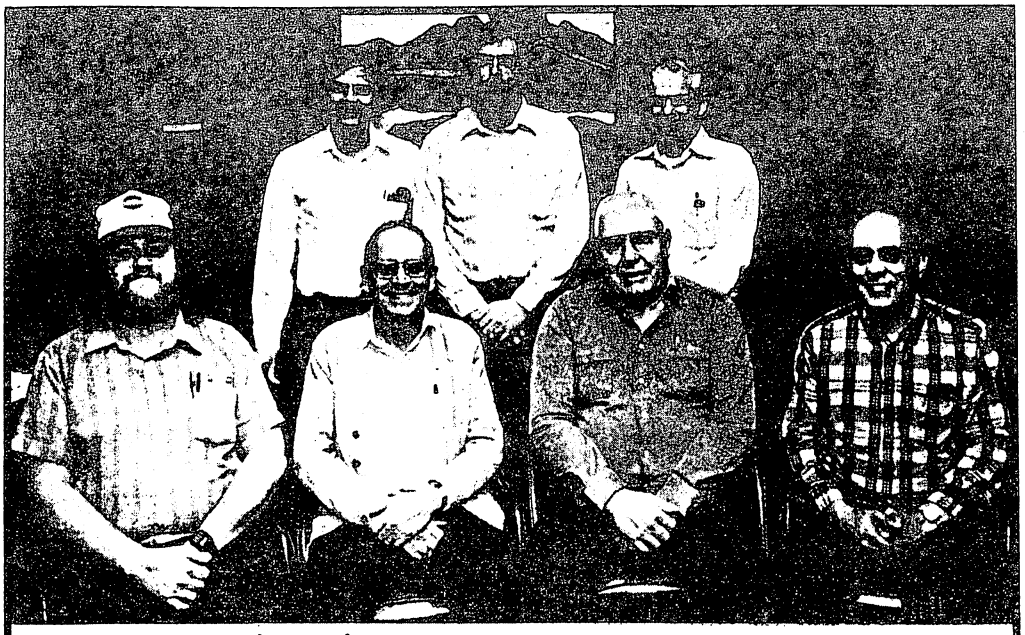
(Fig. 4)



BILL OF MATERIALS AND SOURCE LIST

S1	DPDT Switch Radio Shack or Gateway
S2-S4	SPST Radio Shack or Gateway I bought heavy duty toggle switches. You could use any 117 volt switches or lighted switches.
O1-O4	Square Receptacles. $1.25 at Belleville Electric, $.75 at Gateway.
L1-L4	Neon Lights. Radio Shack or Gateway.
EMI Filter	Radio Shack or Gateway.
M1-M4	MOV Radio Shack or Gateway. I used four for added protection. All that is necessare are three.

You will also need a strain relief for 12 or 14 gauge wire, 12 or 14 gauge stranded wire and a plug. You can add a circuit breaker(Fig. 2) to the panel if you want, I didn't. You will also need four 51k ohm resistors if you purchase the neons from Gateway. Radio Shacks neons have the resistor built in. The article recommended the use of dry transfer letters to mark the switches then spray a light coat of clear lacquer over them. I tried this with very little success, so I used a label maker. It doesn't look as good as theirs, but it worked. I soldered all connections instead of using wire nuts. Figures 3 and 4 are pictures of the front and back of the panel that was in the magazine. When I was done I checked everything using a volt-ohm meter.



Executive Board members

GCC OFFICERS FOR 1986 who were elected at the January meeting. Seated, left to right, are Secretary Patrick Foley of Madison, President Earl Salmons of Fairview Heights, Vice President Larry Briggs of Collinsville and Treasurer Bob Suarez of Belleville. Standing, at center, is Librarian Ken Welker of Belleville flanked by members-at-large Bill Broda of Centralia, left, and Joel Hillyard of Red Bud. Not pictured is Jim Wright of Smithton who is the new editor of the GCC Gazette.

(GCC photo by Juanita Welker)

Membership Status

A new monthly feature in your GCC Gazette will be a listing of all new members of the Gateway Computer Club in addition to a list of those members who need to renew their memberships as of the next meeting.

The GCC welcomes Denny Hughes, Joe Timmerman, Jimmy Wells and Dale Wentz to the roster of current members. These four, as well as any recent new members, should feel free to call upon any of the officers or club members at any time.

The following members are reminded to renew their memberships at the February meeting to continue to be able to participate in club functions. They are:

Geoffrey Ahring, Stan Andray, Bob Crorkin, Neil Dettwiler, Tom Ferguson, Howard Hamilton, Henderson Herod and Stanley Kays.

Also, Roger Knox, Bud Nimmo, Paul Oathout, Ira Pollock, Robert Simek, Charles Starkey, Steve Tade, Robert Vago and David Walker.

All members are reminded that their anniversary date, by which they are to renew their membership, can be found at the bottom of the mailing lable on each issue of the Gazette. Youmay renew your membership at any time, so don't delay.

This is the Financial Report as of Feb 1, 1986.

Balance Jan 1, 1986.....	1423.34
Income Jan 1986	
Membership.....	150.00
Disk Sales.....	78.00
Raffle.....	22.50
TOTAL INCOME.....	250.50
Expenses Jan 1986	
Newsletter & Postage...	148.45
Xmas Party & Misc.....	35.01
TOTAL EXPENSES....	183.46
Current Balance.....	1490.38

Bob Suarez, Treasurer

Classified Adds

For Sale: Commodore 64 and 1541 Drive, $250. 1541 Flash, $45. Cardco numeric keypad, $25. Contact Don Woodward at 235-6858.

For Sale. '79 Toyota Corolla Deluxe. 81xxx miles, 30+MPG, interior in great condition, runs great. 2 new tires. $2195. Contact Jim Wright at 233-1198.

Wanted: Good articles from club members. Will settle for average. Contact any club officer for info.

Looking for Software: Must be public domain. Compuserve downloads, Transactor disks, homegrown, etc... Contact Ken Walker at 234-5801.

Auction reminder

The GCC will again conduct an auction at the February meeting. Some changes and improvements will be implimented to make the auction more enjoyable for the members.

The executive board, at its Jan. 22 meeeting, decided unanimously that the club will receive only 10% of the high bid and the seller will receive 90%. As at the last auction, the seller will be able to set a minimum bid for an item, but bidding will begin at the minimum.

A new check-in procedure has be devised for better control of items. As members arrive for the meeting, items will be tagged and a duplicate tag will be given to the seller to claim items after the auction that aren't sold. Those bringing items will be required to show a valid GCC membership card before tagging.

Items will be auctioned in the order they are tagged, so come early and have your items auctioned first.

Bidders will not have to pay as items are auctioned, rather, bidders will be allowed to pay for all items bought after the auction is over.

Other details of the auction procedure will be announced prior to its start.

About our Club

Most newcomers have a great many questions about how the club functions. We hope that some of the following comments may help to answer some of your questions.

Our club was formed in the summer of 1983. Since then, it has grown to over 150 members. Meetings are held the third Wednesday of each month. Most of the meetings are formatted as follows: a general business meeting from 7:00 to 7:30; demonstrations, discussions, lecture, etc. from 7:30 to approx. 8:30; "open session" follows in which members can exchange ideas, answer questions, copy programs, or what ever. As a courtesy to the speaker and to the listeners, we request that all computers be turned off during the discussion period and talking be kept to a minimum.

You will soon find that our membership contains a full spectrum of computer literacy. We have some members that can barely turn on their machines and load a program, while others are advanced machine language programmers. Therefore, we try to gear the meetings to all levels so that there is something for everyone. Some parts may bore you. Some parts may be totally over your head.

If you are just beginning to learn about computers, you've come to the right place. Expect to be bewildered for awhile, but with time all of your computer confusion will begin to clear. Our meetings are the place to get your questions answered, no matter how simple or silly you think your question is. Each meeting usually has a time reserved for any and all questions. If you don't want to ask a question in front of the audience, corner a Board member during the Open Session. If we can't answer your question we'll find someone who can. Who are the Board members? - Look in a Club Newsletter, we're listed there.

As a Club member, you will receive the monthly newsletter. Our newsletter is quite informative. Most of the articles are written by Club members, some,however, are written by members of other computer clubs. If you have the urge to write or a bit of computer knowledge to pass on, submit it to the Newsletter editor. We prefer to publish articles written by our own members.

Our Club also has an extensive library of programs on disks. Presently, we have over 150 disks with several programs per disk. Each month, a Disk Of the Month is offered at the meeting for $3.00. The club librarian will copy any disk in the library for you for a fee of $5.00. You can either call the librarian at home and he will bring the copy to the meeting or if he has time he may be able to copy the disk for you at the meeting. If you supply the librarian with one of your blank disks, he will copy a library disk for a fee of $3.00. If you bring your own computer to the meeting, you can borrow any disk from the library and copy it free of charge.

About six times per year the club sponsors a Saturday copy session. Bring your computer and membership card and spend the day copying as many library disks as you can. The cost is free! In the past members have brought friends and guests to the copy sessions. This will no longer be possible. To even enter the copy session, a valid club I.D. will be required. Of course exceptions will be made for the spouse or children of a member. The copy sessions are a great way to build your software library for no more than the cost of a disk. If you're unsure as to how to copy disks, someone at the session will be able to help you.

As a club member, you can use the Club Bulletin Board which has been made available through the courtesy of Software Or Systems, a local computer store. The Bulletin Board requires that you have a modem, but it is a handy way of checking club news and exchanging messages with other club members. To reach our BBS, just phone 624-6248.

A final reminder: All of these services are available to club members only. Thus if you attend a copy session, or want to borrow a club disk, or even purchase the Disk of the Month at a meeting, you MUST have a valid club I.D. card.

Many new members ask if the club library contains certain copyrighted programs. It does not, nor can it. It is quite illegal for any computer club to promote the duplication of copyrighted software. Therefore, the copying of copyrighted material at the meetings or at the copysessions will not be tolerated. Anyone not following these guidlines will be asked to leave.

Remember this is your Club too. How good it is and what it has to offer depends on what members like you put into it. Get active, help out on some committee, contribute to the newletter. You'll soon find out that you're getting out a lot more than you're putting in!

COME IN AND SEE WHAT A
COMMODORE COMPUTER CAN DO FOR YOU.
HUNDREDS OF PROGRAMS ARE AVAILABLE.
ASK ABOUT OUR SYSTEM PACKAGE

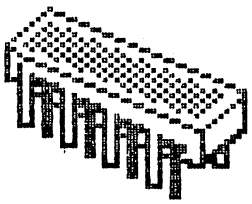
commodore
COMPUTER



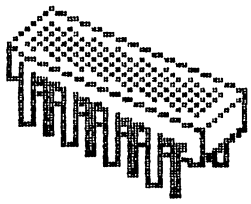
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THE REVIEW VAULT
by Vince Foley

This is the first article of what I hope will be a regular series of game reviews. If you have any complaints or suggestions, send them to:

Vincent Foley
601 Washington Ave.
Venice, IL 62090

Last month, I missed the paper because of time problems. This month, I will let Archon out of the vault.

Before I begin, let me explain my rating system. It is a system based on the numbers 1 through 10, with 10 being the best possible score and one being the worst.

Archon $34.95(sugg. list)

Oringinality	5
Graphics	6
Excitement	4
Usability	8
Challenge	9

When I first loaded Archon, I thought it was a fancy chess game. After the first five minutes of play, however, I realized my mistake.

Archon is a strategy game like none I have ever played before. It is played on a chess-like board, but instead of chess pieces, you play with every creature out of mythology that I have ever heard of (Dragons,Golems,Banshees,etc.), which are called icons.

In Archon, unlike chess, the sides are not the same. One side is "good" while the other is "evil". The sides do, however, average out to be equal in power. When you land on an opposing player's square, it turns into an arena, and you must battle and beat the other icon in order to keep the square.

Each icon is different in the way it moves, the speed it moves at, and the power it has to battle with.

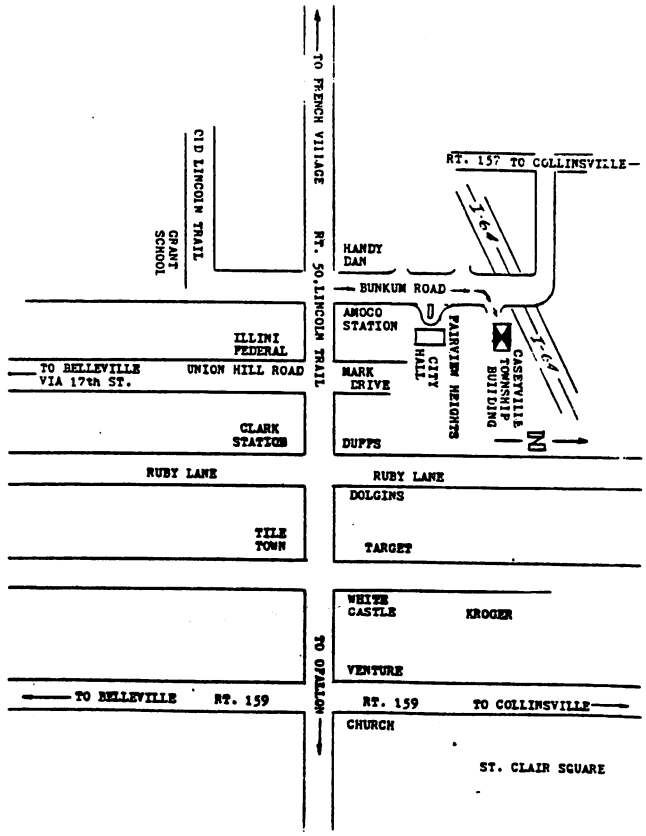
There are three other variations you should be aware of.

1) Instead of kings, Archon has a wizard and a sorceress. These beings have several spells they can use.
2) Where you are on the board has a lot to do with your ability to win battles. Good icons are more powerful on light squares while Evil icons are more powerful on dark ones. This is especially important as some squares change color during the game.
3) There are five squares called power points. Icons on these are immune to magic

In order to win, you must either capture all five of the power points or kill all of the opponent's icons.
If you enjoy chess, this game has merit as a more complex version. If you don't, you may not want to play this game, as it is a much more difficult game to play.

Until next month, so long.

NOTE: Meetings are held on the third Wednesday of every month at the Caseyville Township Building



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Mike Nettleton, Sysop

We need HELP!

From the looks of things, we may not be having the proposed picnic this spring at all. There seemed to be little interest, and absolutely no interest at all in helping make preparations for such an event.

If anyone has some free time, only a few hours of planning is really necessary, if we can get a few people, please let someone on the board know at the next meeting.

It is difficult enough to plan an event with no one but the board to make preparations, but is even worse when the board doesn't really know what the club members want!

So please, if anyone has any suggestions, comments, gripes ANYTHING, please let us know at meetings. If you are shy and would rather not get up before the group, just talk to one of the officers either before the meeting or even over the phone. All we ask is for some input. We want you to get the most out of the club, but like anything else, you get out what you put in.

```
****************************************
*
* Upcomming events....
*
* February 20.....Club Auction
* April 19.....Copy Session
* May ??.....Spring Picnic
*
****************************************
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GATEWAY COMPUTER CLUB

GAZETTE

A COMMODORE USERS' GROUP

VOLUME 3 MARCH 1986 NUMBER 3

February auction is a success

The second GCC auction was an apparent success and netted the club $55.15 as its share of the more than $550 in sales generated.

Tom Metzger, immediate past GCC librarian, handled the auctioneer's gavel like a pro, never allowing items to age long on the auction block.

Greatly increasing the club's profit was the donation by Vince

See AUCTION, Page 8

128 to be awarded

Drawing this month

Believe it or not, the Commodore 128 raffle will actually take place at the March 19 meeting, and that's a promise.

First discussed at the June 1985 meeting, the raffle was planned to take place at the Computer Fair '85, but for lack of enough ticket

See 128, Page 8

Computer Fair '86

Plans are already taking shape for the 3rd annual computer fair with Juanita Welker, wife of GCC librarian Ken Welker, chairing the fair committee.

A request to hold Computer Fair '86 at St. Clair Square has been

See FAIR '86, Page 8

Inside

D. O. M.
The Review Vault
The Tech Corner
Treasurer's Report
Secretary's Report

View From The Top

by President Earl Salmons

The big news this month is the drawing for the new 128. The drawing will be held at 9:00 p.m. at the March meeting. You have until then to get your tickets. Someone will go home with a new 128 and it might be you.

Discussions at the Febrary board meeting were aimed mostly at how to attract new members and keep the ones we have. At the March meeting, Joel Hillyard will hand out questionnaires to all the members. Please fill them out and turn them in. This is part of the effort to find out what the membership wants from the Club and the best way to reach our objectives. The results of the survey will be published in the April Gazette.

It was suggested that the officers should be identified via name tags or something. It is being looked into. It was noted

See VIEW, Page 8

Questionnaires to be distributed

All members attending the March meeting of the GCC will receive a questionnaire designed to help the officers and executive board members determine what kind of programs and events to schedule for future meetings.

Without input, it is impossible for the executive board to knowledgably scedule SIGs (Special Interest Groups), demonstrations and other programs and events that will interest the membership.

Joel Hillyard, an executive board member-at-large, will explain the questionnaire before it is handed out at the meetin. Members are requested to complete and return it before leaving the hall.

The club exists for its members and it is hoped that this questionnaire will aid the current executive board in offering the best in programs and events to the members.

Treasurer's Report

by Bob Suarez

This is the Financial Report as of Mar 1, 1986

Balance Feb 1, 1986.....	1490.38
Income Feb 1986	
Membership.....	225.00
Disk Sales.....	60.00
Raffle.C128.....	80.00
Raffle 50/50.....	15.50
Auction.....	55.15
Soda Sales.....	28.25
TOTAL INCOME.....	463.90
Expenses Feb 1986	
Newsletter & Postage..	158.20
Printing Other.....	159.87
Post Office Box.....	20.70
C128..Disk..Misc.....	300.22
TOTAL EXPENSES...	638.99
Current Balance.....	1315.29

The Club

Membership fee is $15. Members receiveaccess to our programs, literature and monthly newsletter. Direct all membership applications and questions to Larry Briggs, P.O. Box 1839, Fairview Heights, IL 62208.

The Officers

PRESIDENT:	Earl Salmons....	397.5029
VICE PRES:	Larry Briggs....	345-0220
SECRETARY:	Pat Foley.....	876-4566
TREASURER:	Bob Suarez.....	277-8057
LIBRARIAN:	Ken Welker.....	234-5901
EDITOR :	Jim Wright.....	233-1198
M.A.L. :	Bill Broda.....	533-0148
M.A.L. :	Joel Hillyard...	282-3758

The Gazette

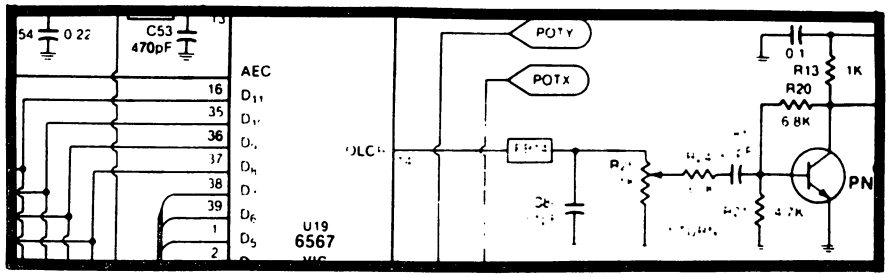
Editor: Jim Wright

The GAZETTE is published monthly by the GATEWAY COMPUTER CLUB and is a membership service. Please direct all submissions and advertising to Jim Wright, 711 Klein Dr., Smithton, IL 62285. Camera-ready advertising must be received by the the first Thursday of the month to be included in the issue of the following month. Rates are as follows: Full Page-$30; Half Page-$15, and Quarter Page-$7.50.

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The Tech Corner

by Rich Fisher



Wow!!! I actually received letters addressed to "The Tech Corner" and as promised here they are:

Dear Rich: Well I bought the 150 ohm resistor to improve the image on my tv, but the diagram in the user's manual doesn't match the back of my 64-what gives?...Signed, Pat Foley

Pat, It appears as if you have the newer version of the 64...in your case the Luminance and Chroma are on pins 1 (center) & 6 (2nd from right clockwise). Now the bad news, it probably won't help too much, but give it a try anyway. If you are using an old one-plug video monitor or you are feeding the output of your 64 to a VCR, then tie the red and yellow leads of the monitor cable together with a Y cable for a tremendous improvement in pix quality.

Dear Rich: What's the simplist reset switch that can be installed on a c-64 without voiding the warranty?...Signed, Cheapo

Cheapo, Well that's a loaded question. Any modifications to any equipment will void the warranty. But, why not sacrifice the warranty on a cheaper piece of equipment, the modem. If you connect a momentary contact push button to pins 1 and 3 of the modem plug, then you have a real convenient place to mount the switch...on top of the modem. My system has been using this arrangement for a year without problems.

Dear Rich: I need your assistance. I cannot change the characters per inch that is output to my printer when using Paperback Writer 64 and a Gemini SG-10 printer with a TYMAC CONNECTION interface. I suspect that it is operator error, but I am not sure?...Signed, Daniel Appel

Dan, I am not real familiar with your program or printer (I didn't promise you a rose garden!) but, here goes. First, it is definitely operator error. With that in mind, re-read the instructions for Paperback Writer 64 very carefully, and make sure you are giving the CPI commands at the BEGINNING of your text. If you wait until the end of the text to send the commands, they will apply only to what follows...nothing. If a reader has a suggestion for Dan, give him a call at 235-2888. There is nothing more frustrating than new equipment or a program that will not perform as intended.

Dear Rich: Is there an easier way to write protect disks than those @#$%$# tabs that don't stick anyplace except inside the disk drive?...Signed, Stuck

Stuck, Your letter prompted a little research and here are the results...Locate the leads going to the photocell (orange and violet leads next to each other on plug P6 on your drive circuit board). Now cut the violet lead about an inch from the plug. Mount a DTSP switch (with a center off) in a convenient place and connect a piece of wire from the center of the switch to the one inch long violet lead you cut. Connect the other end of the violet lead that you cut to one end of the switch.

See TECH CORNER, Page 4

The Review Vault

by Vince Foley

Sorcerer

This month the Vault has been opened and Sorcerer has been released.

Sorcerer is a text adventure from Infocom. It is the second adventure in the Enchanter trilogy.

In Sorcerer, like Enchanter, you are a wizard. You have recently discovered that Belboz, your friend, mentor and leader of the Circle of Enchanters, has been possesed by a demon. You must save him.

In order to save Belboz, you must travel the ruins of the Great Underground Empire, as well as the mists of time. Through your travels, you must find, collect and use spells. If you cast a spell at the wrong time you can be trapped, killed, or even worse.

Sorcerer contains many interesting objects and locations.

Infocom always packages their products very well, but this time they outdid themselves. The instruction book has a magazine format "Popular Enchanting" which is quite an experience to read. Also included is an infotater, a guide to some of the creatures of the world of Sorcerer.

All in all, I found Sorcerer to be challenging, amusing and all around fun.

The Combination

	1 5 0
Originality.....	$$$$$
Excitement.....	$$$$$$$
Shelf-life.....	$$$
Challenge.....	$$$$$$$$$$
Value.....	$$$$$$$$
Graphics.....	N/A

The Tech Corner

(Continued from Page 3)

Now connect a piece of wire from the other end of the switch to the orange wire (just carefully strip it back and tap into it). Solder and tape the connections and here's how it works. If the switch is set to off (center position), the electronic write protect tab is in place and you cannot write to the disk. If the switch is on where the violet wire is connected to the violet wire, the drive will work normally (back to those darn tabs), but if the switch is set to the other on position, ie the orange and violet wire are connected, then you can write to a disk even if it has a tab on it! (Be careful when selecting this position).

I have to caution you, I have a 1541, of the older variety...before voiding your warranty, make sure these wires go to the photocell before performing any surgery. Also on my drive I used a DPDT switch and used the other three leads to turn on a red LED to warn me that the drive will write when the switch is in the on position. If you are interested, look me up at the meeting, I will show you how it works.

Well, I want to thank everyone that wrote in, especially "Stuck", as his letter prompted the installation of a very useful device. If you are shy about sending your name with a question, sign the letter or card with something that you can hide behind. If possible, all letters that appeal to the general membership will be answered. They will become the property of "The Tech Corner" and after careful consideration will be placed in our vast archives (until the trash is picked up on Tuesday's).

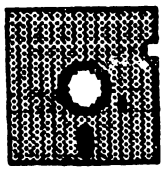
Oh Yeah, send those cards and letters to: THE TECH CORNER, P.O. BOX 207, BELLEVILLE, IL 62222

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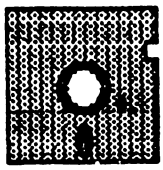
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D. O. M.



by Ken Welker

FASTAUTOMENU FAST+WEDGE AUTOMENU	A two part program that includes a fast disk load routine and wedge.
DISKENVELOPER	Makes a new disk envelope, with a printed directory on your printer. It will handle single or double sided disks.

These programs and five others are from some of the writers for RUN magizine. If anyone is interested in the rest of these programs, the disk is in the club library. To obtain a copy of the instructions for these programs, the authors are asking for a $10.00 donation from anyone wanting them.

FLIGHT SIMULATOR	Simulates flying a small airplane on your computer.
W. FORCASTER	Use your computer to predict the weather.
ESP TESTER	Test your ability to predict the future.
HOUSEHOLD FILE	Keep track of your personal property and household effects.
LIFE EXPECT	Predict your life expectency.
BIO-PRINTER	Make a print out of your biorhythm for each month.
RECORDINGS	Catalog all of records and tapes.
MAG INDEX	A neet way to keep track of all your magazines.
WEIGHT WATCHER	Helps you count calories and plots a graph of your progress.
SOLITAIRE	Play the game of solitaire against your computer.
MOTION MAP BIN.D SCRCLR ASM.D	A very good high resolution display that creates the illusion of motion.
YAHTZEE	Play the game of Yahtzee against your computer.
GOLF	Play the game of Golf.
WIZARD'S CASTLE	A fascinating game of adventure.
PONZO TUTOR-1	BASIC C64 tutorial PRINT, FOR/NEXT INPUT,GOSUB.
PONZO TUTOR-3	BASIC C64 tutorial PEEK, POKE,TI$ FILES, RND, CMO SYS, MLM.



Secretary's Report

by Patrick Foley

The February meeting of the Gateway Computer Club was called to order by President Earl Salmons. Sixty-three members were present.

With no deletions or additions, the secretary's report and treasurer's report were accepted as published in the February issue of the GCC Gazette. Monthly reports are now being published in the Gazette to help shorten the time of the business portion of our meetings.

Librarian Ken Welker gave brief explanations of the programs appearing on the February "Disk of the Month." The program offerings of subsequent disks of the month will also be published in the Gazette in the future.

Committtee reports included one by Vice President Larry Briggs on the membership status of the GCC.

He reported a total of 158 active members in the club as of the meeting night.

Juanita Welker, who has volunteered to chair the Computer Fair committtee, reported that she had received no reply to the club's request to hold the 1986 fair at St. Clair Square. She explained that the board of directors of the shopping mall had not met since the request was submitted, but hoped to announce the date of the fair at the March meeting.

Salmons announced that Carol Souza has agreed to be on the fair committee with Welker and urged other members to get involved with the committee in planning the club's third fair.

Treasurer Bob Suarez announced the results of the Audit Committee subsequent to the election of the new officers for 1986. Suggestions by the audit committee, including a comprehensive inventory of club

See SECRETARY, Page 8

Membership Status

The GCC welcomes the following new members to its rank of Commodore computer users:

George Adamson of Collinsville, Walter Boone of Fairview Heights, Danile Deutschmann of New Baden, Robert Diser of Caseyville, Kay Greer of Granite City, Carlos Maniles of O'Fallon and Lester Wiles, also of Granite City.

These and any recent new members, should feel free to call upon any of the officers or club members at any time with questions concerning the club, its functions or any other matters.

The following members are reminded to renew their memberships at the March meeting to be able to continued participation in club functions. They are:

Ken Artinger, Robert Cook, Kermit Cook Jr., Melvin Doyle, Kenneth Hicks, John Hursey, Michael O'Keefe, Larry Prokopf, Jon Stokes, Gary Thomas and Phillip Whitfield.



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Auction

(Continued from Page 1)

LePes, immediate past GCC president, of a new VIC modem. It was auctioned off for a high bid of $30. Vince's support is greatly appreciated.

Also, a big hand goes to Joel Hillyard, an executive board member-at-large, who devised the new check-in procedure for items, which proved to be an extremely efficient system.

128

(Continued from Page 1)

sales, has been postponed numerous times until now.

At the January executive board meeting, it was decided to pick a winner at this month's meeting, regardless of how many unsold tickets remain.

Only 128 tickets were available for the drawing, each costing $2.50, making the odds of winning very good.

Come rain or shine, the winner will be drawn at 9 p.m. sharp and, if the winner is present, their picture will be taken and will appear in the April issue of the Gazette.

Secretary's

(Continued from Page 7)

assets and receipts for all expenditures, will be implemented immediately.

It was announced by Salmons that a 50-50 drawing would take place after the auction. He further explained that similar drawings will take place at every meeting with the proceeds from every third drawing going towards the building fund donation.

Fair '86

(Continued from Page 1)

sent with the reply expected before the March meeting.

President Earl Salmons stressed at the February meeting that more participation by the membership is needed to make this year's fair the best ever.

"If everyone member would do just one thing in the planning stages or on the day of the event, we could put on a computer fair we all can be proud of," Salmons said.

"All ideas and suggestions for Computer Fair '86 will be appreciated by the fair committee," Mrs. Welker said.

View

(Continued from Page 1)

that some people in the rear of the meeting room could not hear too well. Three different members have a part of a PA system. If we can get them all together we will have one at the March meeting.

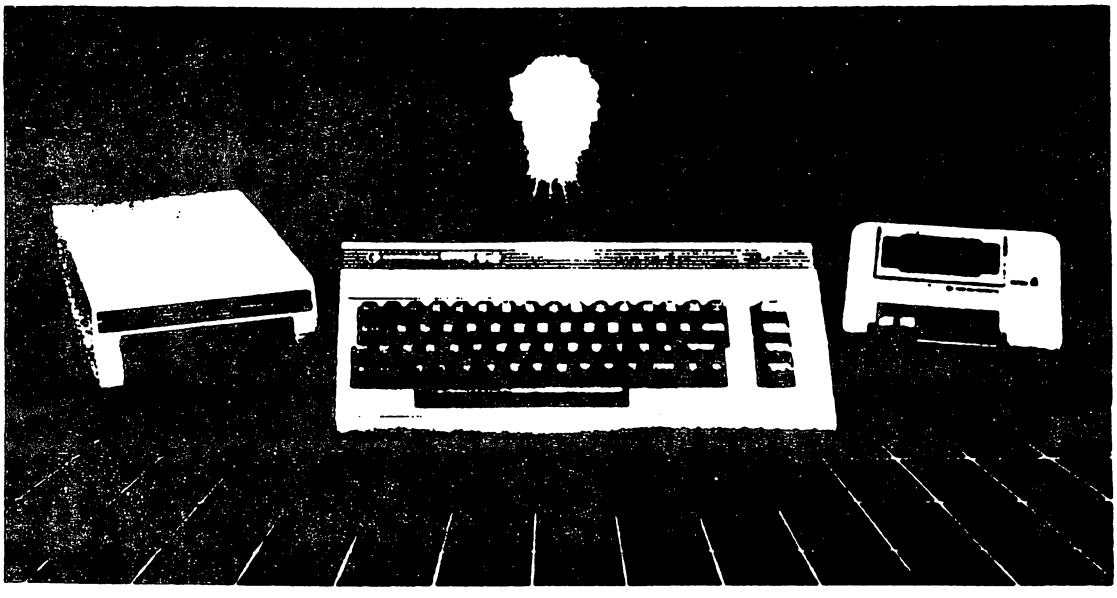
The need for public domain programs is greater than ever, especially for the 128. If you have any that we can use, let the librarian know. If you write your own programs, let us hear from you. While talking about disks and programs, we are looking into joining TPUG (Toronto Pet Users Group. More about that later. Ken Welker, our librarian, has made contact with a couple of Commodore groups in St. Louis, and we may get an exchange deal going with them.

This newsletter shoud have a new look. Secretary Pat Foley and Editor Jim Wright are putting together a slick publication. Thanks fellows! While I am saying thanks, I should also include Joel Hillyard and Tom Metzger for a good auction at the last meeting. Joel did the legwork and paperwork, while Tom did the auctioneering. It was Joel's idea for the tags that kept track of everything, and it turned out really well. Thanks guys!

See you at the meeting March 19th.

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MON. - FRI 9 TO 7
SATURDAY 9 TO 5



CALLING ALL GAME PLAYERS!!!!

Here is an opportunity to show your stuff!

Starting at the April meeting we will hold a game tournament. Winner of each month will be asked to compete during our Educational Fair '86.

The tournament will be open to all members of our club. The game to be played at next meeting will appear somewhere in the gazette each month. So look for it.

Sign up for tournament will begin with the March meeting--last time for sign-up, the May meeting. You will be allowed to use your own joystick.

Top prize will be two tickets to Six Flags.

Juanita Welker, Chairman
Educational Fair '86

Classified

A word processor for C-128 owners

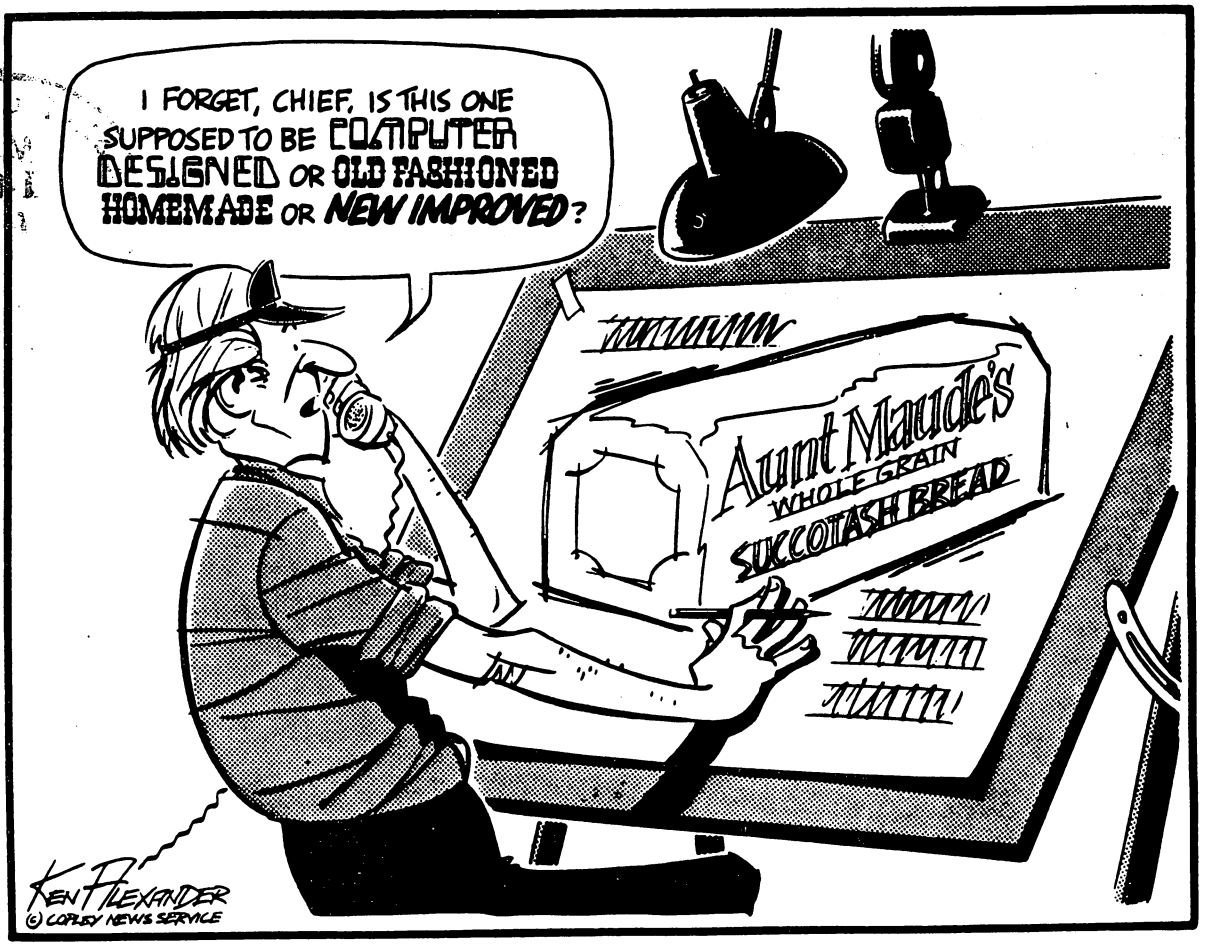
by Larry Briggs

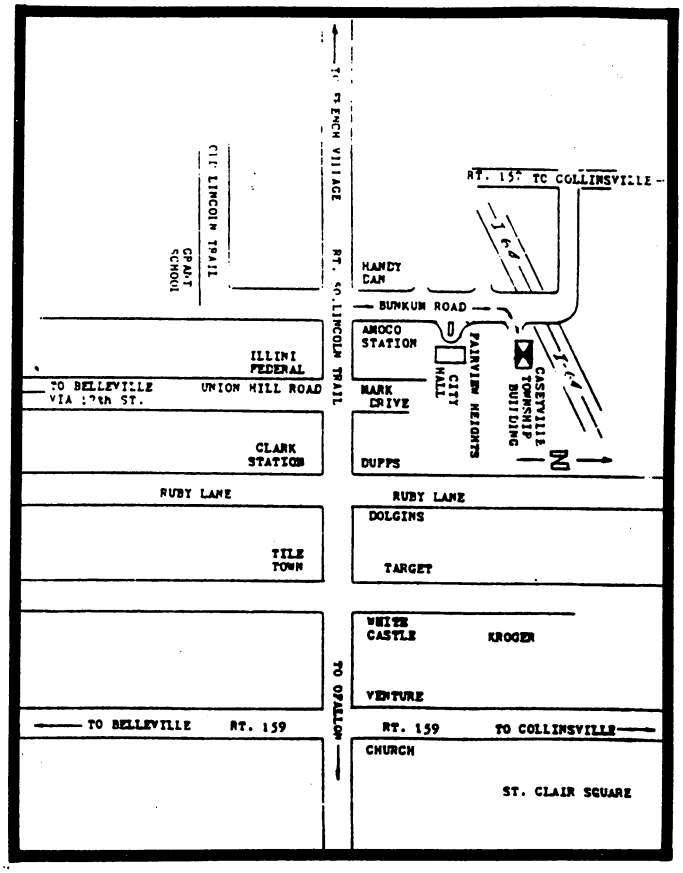
The first program that I purchased for my C128 was WORD WRITER by TIMEWORKS. After working with it for a while, I found that I liked it better than EASY SCRIPT. The only command needed to start was to set the left margin and text length, all other commands are set at the end of your work from the pull down menu. The pull down menus are a delight to use, you hardly need to use the manual. Speaking of manuals, this one is not, in my estimation very well put together, it keeps referring to other sections of the manual, very annoying.

I found a few bugs in the program. One, if it is necessary to go back to make a correction on a line other than the one you are working on, you will lose word wrap. You will then have to use the return key to keep from going beyond your line length. Another was, underlining and using italics and other fonts was virtually impossible.The instructions state, you may use underlining and italics on the same line. If you do, it will print one or the other, or underline the whole document. I also could not get it to print a column 34 characters wide to print this report. Back to EASY SCRIPT.

I called TIMEWORKS, (no hot line),you can not use the 800 number in Illinois. I was told they knew of the problem, and said if I would the mail the program disk and the Manual with a check for $4.70 they would send me the update version just completed.

If these bugs are corrected, this will be a fine program to use. I might add that this program will only run on a C128 and a monitor with an 80 column screen.





Meetings are held on the third Wednesday of every month at the Caseyville Township Building

G.C.C. Directory

Next Meeting:

March 19

Next Copy Session:

April 19

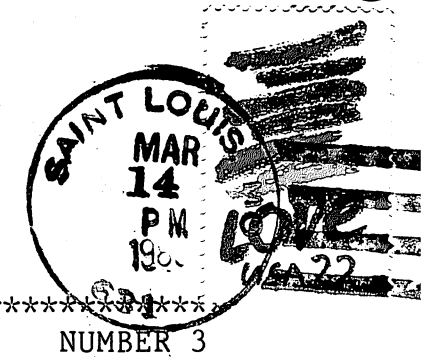
Computer Fair '86:

???

Next Exec. Bd. Meeting:

March 26

GATEWAY COMPUTER CLUB
P.O. Box 1839
Fairview Heights, IL 62208



VOLUME 3 MARCH 1986 NUMBER 3

GATEWAY COMPUTER CLUB

GAZETTE

A COMMODORE USERS' GROUP

VOLUME 3 APRIL 1986 NUMBER 4

Computers are welcome anytime

The second copy session of the year is set for Saturday, April 19, at the St. Clair Village community hall on Illinois 161 near Belleville Area College.

A map is on Page 4 in this issue to aid members in finding the hall. The copy session will be from 10 a.m. t 3 p.m.

You must have a valid membership card to get into the session and cards will be checked at the door. No guests are allowed.

By the way, did you know that you can copy programs at regular meetings, too? Members are encouraged to bring their equipment to the meetings and copy any of the thousands of public domain programs from the GCC library or those from other members' libraries.

That's what the GCC is all about - computers, and the new meeting format will allow ample time for the copying of programs. You might even get in a game or two!

Sharing knowledge, learning, interaction between members - these are just some of the reasons the GCC exists, but computers are the root of this club and are a necessary and vital part of it.

So bring your equipment to the next meeting and see how it makes your evening even better.

Summer camp set

We have just received word that the Commodore summer camp will again be held in Lincoln, IL, the week of July 6-14.

Any interested members should contact Bill Eardley for additional information about the camp.

Inside

What's up at Commodore?—Pg. 8

Super 128 word processor update—Pg. 10

Review of 1541 User Guide—Pg. 11

Also: **D.O.M.—Pg. 6**
Review Vault—Pg. 6
View from the Top—Pg. 4



BILL MILLIGAN, left, winner of the GCC raffle, is presented with the C-128 computer by GCC President Earl Salmons at the March meeting. **(GCC photo by Patrick Foley)**

Survey results

Word processing, modems and spreadsheets were the top three categories the membership listed as those they are most interested in, according to the questionnaire distributed at the March meeting.

The complete results of the interest survey have been compiled and Joel Hillyard, a member-at-large on the executive board, will make his report on the results at the April meeting.

Joel designed the survey and has compiled the results to aid the club's officers in scheduling SIGs, programs and demonstrations for the rest of the year.

Simplest trace—Whenever the C-64 executes a SYS 48578, it prints the word IN and the line number in which the command appears. By including these SYS calls at various points in your program, you can find what has been executed and when. An even slicker method is to set T = 48578, and execute SYST any time you want to trace.

Treasurer's Report

by Bob Suarez

This is the Financial Report as of April 1, 1986

Balance Mar 1, 1986	1315.29
Income Mar 1986	
Membership	120.00
Disk Sales	77.00
Raffle.C128	32.50
Raffle 50/50	16.50
Advertising	150.00
Soda Sales	6.25
TOTAL INCOME	402.25
Expenses Mar 1986	
Newsletter & Postage	99.00
Blank disks	278.00
Bank checks	18.45
Equipment & supplies	60.12
TOTAL EXPENSES	455.57
Current Balance	1261.97

The Club

Membership fee is $15. Members receiveaccess to our programs, literature and monthly newsletter. Direct all membership applications and questions to Larry Briggs, P.O. Box 1839, Fairview Heights, IL 62208.

The Officers

PRESIDENT:	Earl Salmons	397.5029
VICE PRES:	Larry Briggs	345-0220
SECRETARY:	Pat Foley	876-4566
TREASURER:	Bob Suarez	277-8057
LIBRARIAN:	Ken Welker	234-5901
EDITOR :	Jim Wright	233-1198
M.A.L. :	Bill Broda	533-0148
M.A.L. :	Joel Hillyard	282-3758

The Gazette

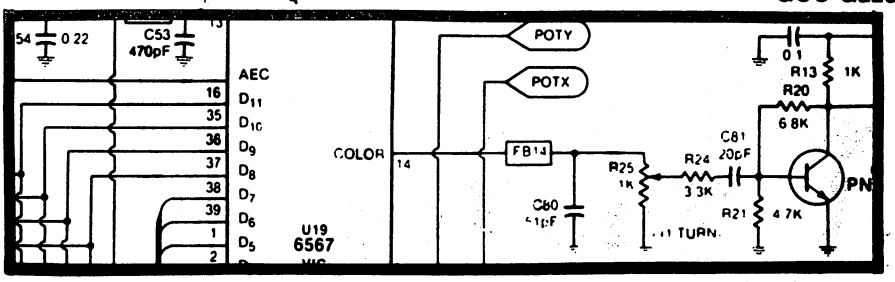
Editor: Jim Wright

The GAZETTE is published monthly by the GATEWAY COMPUTER CLUB and is a membership service. Please direct all submissions and advertising to Jim Wright, 711 Klein Dr., Smithton, IL 62285. Camera-ready advertising must be received by the the first Thursday of the month to be included in the issue of the following month. Rates are as follows: Full Page-$30; Half Page-$15, and Quarter Page-$7.50.

Contents of the GAZETTE may be reprinted by club newsletters and other non-profit publications, if accompanied by the author's name and credit is given to the GATEWAY COMPUTER CLUB. The GAZETTE must receive a copy of any publication containing reprints. The GAZETTE assumes no liability for errors in articles or advertisements.

The Tech Corner

by Rich Fisher



Dear Rich:

I own a C-64, BMC Data Display, MPS 803 Printer, and a Data Master tape recorder. What are the best simple publications to use after not making much progress with the instructions that come with the units?

Signed...L. Wolf

I really had a tough time answering this question....but, here goes. There are so many good books on the market that I hesitate to recommend any single one without knowing just what you wish to utilize your units for.

I have just had "The Secret Guide to Computers" (vols 1 & 2) by Russ Walter recommended to me as a good beginners guide along with "Your First Commodore 64 Program" by Rodney Zaks. I personally like the series published by "Compute". I would like to suggest that you visit our advertisers, Kappels and Software or Systems and ask to see some of the many books available for beginners.

I then would recommend that you think strongly about purchasing a disk drive for your computer, then bring your set-up to one of our meetings. At that point you may check out (along with many, many other good programs) the "Ponzo Tutor" disk from our library and make yourself a copy. Anyone there with a computer would be glad to show you how to start to build your own library and the best part is IT DOESN'T COST ANYTHING!

Since we only had one letter, I thought I would pass along some useful information. There is a rumor flying that VIEWTRON has (by the time you read this) closed down. I really hate to see this, as I believe that the future of the "home computer" depends on this type of very important large telecommunication network that can be accessed by everyone at a reasonable cost.

Oh well, maybe someone else will pick up the pieces, who knows?

A tip for those programmers that find it helpful to print programs to the printer so that they can pencil changes. Using a file number greater than 127 will cause the printer to deliver an extra line feed after each carriage return. (is that double spacing?) Use this as an example:

```
OPEN 128,4:CMD128:LIST
```

To close the file after the printer has completed the LISTing, type:

```
PRINT#128:CLOSE128
```

If you are a novice and you didn't know how to get a single spaced listing, do this:

```
OPEN4,4:CMD4:LIST
```

To close:

```
PRINT#4:CLOSE4
```

One last neat trick: Write a short program to make your computer print (all on one line) CHR$(x) where x=65,80,82,73,76,160,70,79,79,76,83,33

Well, That's it for now...keep those cards and letters coming to:

THE TECH CORNER
P.O. BOX 207
BELLEVILLE, IL 62222

View From The Top

by President Earl Salmons

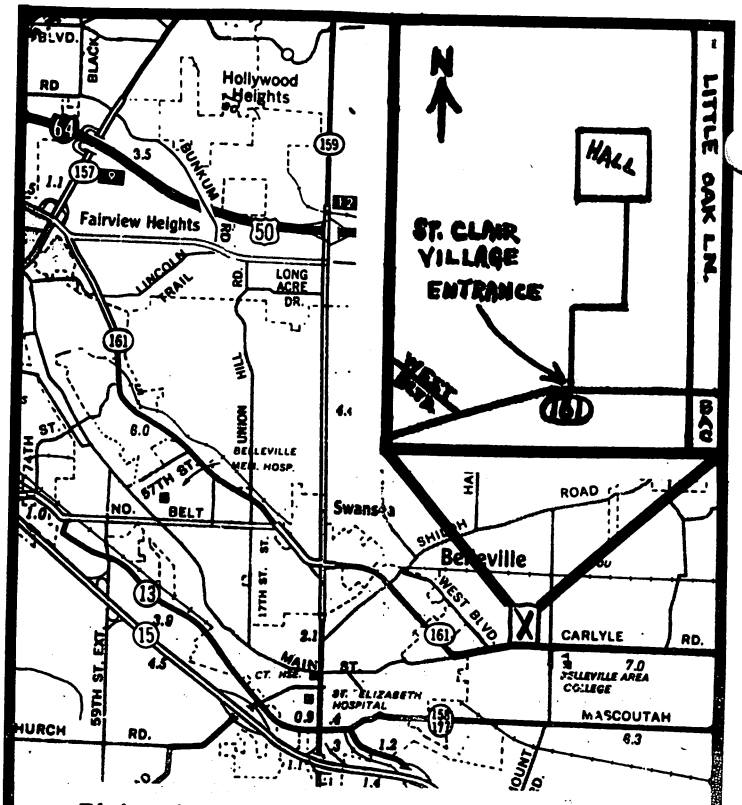
The complete results of the survey taken at the last meeting are not in yet. But we do know that WORD PROCESSING tops the list in intrest. Second are modems, and the spreadsheets are third. If they are finished, the complete results will be announced at the April meeting.

Arrangments are being made to have a demo on aligning your 1541 disk drive at the May meeting. This could save you some bucks. Speaking of disk drive,don't forget the copy session April 19th.

We started with just one, but now there are three, and maybe more. I'm talking about SIGN-UP SHEETS. There is a sign-up sheet for the game contest. There is another sign-up sheet for putting ads in the Gazette. Write your ad on the sheet and sign your name. Easy. There is also a SIG sheet. Put down the kind of SIG you would be interested in, and sign your name. We will try to get that SIG for you. These sheets will be found on the table near the soda stand.

GOOD NEWS - starting with the April meeting, our librarian, Ken Welker, will start selling new blank disks. The disks will come 10 to a box with label, for just $7.00 a box. While we are in Ken's world, let me tell you he has cooked up a whopper of a D.O.M. Be sure to see his column for details.

The big capper is a complete club membership list on the tail end of the disk. This list will be brought up to date about four times a year. Which reminds me, if you have any equipment changes, different printer, or drive, etc, let Membership Chairman Larry Briggs know about it so he can keep the club files updated. See you at the meeting.



This is a map to the St. Clair Village apartment complex where the GCC copy session will be held on the Saturday, April 19 from 10 a.m. to 3 p.m.

The apartments are located on ILL 161 just west of the Belleville Area College campus. Once you turn into St. Clair Village, follow the small inset map until you see a gazebo, you're almost there.

Only public domain programs can be copied at the event, and GCC librarian Ken Welker has thousands of P.D. programs for you to copy and add to your own library.

ROM upgrade for MW-350

From our friends at the COUGAR users group of Phoenix, Ariz we find out:

The MW-350 interface has a new ROM upgrade kit (V1.6) available. It adds high density printers to its already impressive list of printers, and gives improved graphic characters, transparent mode, status report and speed increase. It is available for $6.50 (the 1.6 rom and 4K buffer kit is $21.95) with $2.00 for S&H. Order from:

MICRO R&D Inc.
3333 S. Wadsworth A-104
Lakewood, CO 80227

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(618) 277-2354

MON. - FRI 9 TO 7
SATURDAY 9 TO 5

D. O. M.

by Ken Welker

DSKCTLG
MACH
PRINTLOG These three programs make up an excellent disk catalog, that will read, sort, print and store your disk library.

NUMERIC KEYPAD Load and run this program and you can use the number keypad on your Commodore 128 in C-64 mode.

FILE READER Use this to read the following programs. This program will print to the screen or printer.

INSTRUCTIONS Directions for using the above file reader program.

Each of the programs listed below is a condensed version of the documentation for running that particular program.

"JUMPMAN" "PRACTICALC" "NEUTRAL ZONE" "DEADLINE" "BCW" "PAPERCLIP" INFIDEL" "PCS 2" "MULE" "DINDEX" "MASK OF SUN" "IMPOSSIBLE MISSION" "SUSPENDED" "MCS DOC"

SEQ READER A sequential file reader that may be used to read the above programs, but will print to the screen only.

There will be more of these documentation programs on future disks of the month.

The Review Vault

by Vince Foley

This month, the Vault has been opened and PHANTASIE has been released.

Phantasie, by Strategic Simulations Inc. (Sugg. list $29.95) is a multiple-character, role-playing game.

You control a group of up to six adventurers who can be of a variety of classes and races.

Phantasie

The party of adventurers travel across the Isle of Gelnor looking for gold, experience and adventure.

There are over 80 monsters which must be battled, bullied, or hid from, depending on their power.

And there are many different kinds of treasures, some of which are magical, to be found as well.

Speaking of magic, there are over 50 magic spells which can be learned and used by the party. While all classes can use magic, it takes a high level of experience for some classes to use it well.

In your travels, you will come across deserts, mountains, rivers, forests and jungles. You will also see towns which can provide equipment, new adventurers and a place to rest in safety.

I found this game to be fun, challenging, and well worth the money I paid for it.

The Combination

```
                    1    5    10
Originality....$$$$$$$$
Excitement.....$$$$$$$
Shelf-life.....$$$$$$$
Challenge......$$$$$$$$
Graphics.......$$$$$$
Value..........$$$$$$$$
```



Secretary's Report

by Patrick Foley

The March 19 meeting of the Gateway Computer Club was called to order by President Earl Salmons.

The secretary's and treasurer's reports were accepted as published in the March issue of the Gazette. Monthly reports are now being published in the Gazette to help shorten the time of the business portion of our meetings.

Librarian Ken Welker gave his report on the March "Disk of the Month." Ken asked any members who have public domain programs, not presently in the club's library, to make copies of these new programs available for the disks of the month and the membership.

Vice President Larry Briggs gave a report on the status of the club's membership. There are now 136 paid-up members.

Salmons announced that the GCC had received its tax-exempt status from the IRS.

Joel Hillyard, a member-at-large on the executive board, gave a brief explaination of the questionnaires he later distributed to those in attendance. The "interest survey" is designed to aid the officers in scheduling events for the membership.

The new look of the GCC Gazette was discussed and several members made some very useful suggestions to be implemented in the April issue.

Salmons also reminded those in atttendance about the drawing for the C128 computer to be awarded later in the meeting. No one left.

After the business portion of the meeting was adjourned, a brief discussion on the frequency of copy sessions took place. Some members suggested monthly sessions others thought every other month would be often enough. Sessions are now held four times a year. The suggestions were informally tabled until the April meeting.

Membership Status

The GCC welcomes the following new members to its rank of Commodore computer users:

James Arnold Jr., John L. Fischer, Charlotte Patzer and Ray Schultz.

These and any recent new members, should feel free to call upon any of the officers or club members at any time with questions concerning the club, its functions or any other matters.

The following members are reminded to renew their memberships at the April meeting to be able to continued participation in club functions. They are:

Edward Aufderheide, Jim Boyer, Rick Case, Jean Clinton, Guy Germaine, Dale Goldsmith, Tom Hemmer, Eugene S. Keeney.

Also, Thomas A. Kloos, Jeff Kraus, William A. Kuehn, Joel M. Minto, Frank J. Orris, Brian Pluff and Jim Rund.

All members are reminded that memberships may be renewed at anytime. This extends your membership a full 12 months from your present expiration date, regardless of when you renew.

What kind of a member are you?

Are you an active member
 The kind that would be missed,
Or are you just content
 That your name is on the list?
Do you attend the meetings
 And mingle with the flock,
Or do you stay at home
 And criticize and knock?
Do you ever tote and lift
 Your mind and body ever quick,
Or leave the work to just a few
 And talk about the clique?
Come to the meetings often
 And help with hand and heart.
Don't be just a member
 But take an active part.
Think this over, member,
 You know right from wrong,
Are you an active member
 Or do you just belong?

Commodore—getting its act together

by Bill Eardley

Commodore sure knows how to make some good computers, but what happened to good marketing and serving the customer base? This article is not going to be a rehash of the past long history, but rather what has taken place in the last two to six months.

WHEH! WHAT'S HAPPENING? Well, let's take one thing at a time. What about the C64, the best selling computer of all time? Well, they quit making it last fall and sold all they had in their many warehouses by Dec. of '85.

Even if you sell a better machine, you can't seem to double prices on your lowest selling machine and still keep sales up. At least that is what Commodore has found.

Yes, the C128 is one of the best computer buys ever. Yes, it is three great computers in one. However, vendors and software writers see things differently. They say ok, the C128 is a good machine, but why write for it when there is such a small base of users when compared to the C64?

Accordingly, they are still writing more programs for the C64. Yes, they will run on the C128, but that is using a more expensive machine than is necessary (for me just the great keyboard was worth it).

Well the dust is beginning to settle. The old 64 production line is down, warehouses are empty and Commodore seems to have a choice. Reduce the price of the C128 or come back and make the C64.

The latter is what's going to happen, but wait. They say, like me, the C128 keyboard and number pad are great, so why not come out with a revised C64? There is only one problem with this: production time delays for setting up a revised line.

So now that the decision is made, Will Commodore get them out in time to save themselves?

Now, what about the great three-in-one C128? It is everything most of us, including small businessmen, need. Some good commercial business programs are out, but not enough recreational home market programs, which take advantage of this terrific machine.

I can even write decent programs on the great BASIC built into the C128. And it is nice to be able to run all the CP/M business software.

So what's the problem here? Actually there are two: 1) the previously mentioned lack of acceptance by the marketplace program writers, and 2) most importantly, COST. Yes cost.

A computer, disk drive and an existing monitor adds up to $575. Maybe acceptable, but you need a good monitor, and if your going to use the great 80-column feature, a $300 color monitor, most likely an RGB.

So, if you need all three components - disk drive, computer and monitor - you're looking at around $850. If you are a small businessman, you will need a second disk drive. Now the total is over $1100!

See the point? Commodore must reduce the price of the C128 system, if they are to succeed. If they are going to reduce prices then a new C64 may not be needed. But wait, Commodore must not see it this way.

After nine months still no promised IBM emulator or price reductions for the C128.

So what's the Bottom line? Just like the bankers, I think Commodore is in trouble and mismanaged. Let's, as a Commodore User's Group, hope they get their act together again. I, for one, want good, low cost, and powerful machines in the future, but my loyalty is fading. Get with it Commodore!

That's my opinion, what's your's?

S.O.S.

624-2211

COMMODORE

AMIGA $1295.00

C-128 $269.95

1571 $249.95

1902 $289.95

MPS 1000 $269.95

Software Or Systems
Pontiac Shopping Cn.
5900 N. Illinois St.
Fairvew Hts, Il 62208
(618) 624-2211

Word Writer 128 already improved

by Larry Briggs

This is a follow up report on the WORD WRITER word processor program by TIMEWORKS. I mailed the disk, manual and a check for $4.70, and they promptly mailed the update version. I must say, it is a much improved program.

However, there are a couple of things I feel could be improved on. First, you must remember to set your printer commands before you start your document, you must remember to do this every time you start. Once in memory, it will stay there until you turn off the computer. Also, the word wrap will not function after you go back into the document to make a correction, and who doesn't. But you can bring it all back into line by using the Format command. If there is a heading in the document, be sure to use a check mark, left margin set, plus a 0, or else the whole heading will be strung out in a straight line. a minor inconvenience that we can live with.

Now for the good stuff, the manual, I found, was very well written, and easy for a novice like me to understand. A person could learn a lot about printer commands and how they work, just by reading this manual.

The on screen highlighting feature is fantastic. Again I must remind you to set the printer codes first or this feature will not work. *These codes must appear in the printer code window before you can use on-screen highlighting.* The above line was typed using this feature, and it appeared on the screen in Italics. The Command to accomplish this, is to hold down the commodore key and key I, to turn it off, repeat the command.

Other on screen goodies are, Com.key + B for **BOLDFACE**, Com key + U for <u>UNDERLINE</u>, Com key + + for Superscript as H^2O, and Com key + - for subscript, as H_2O. Ok, so the last one is not a chemical formula, I'm also not a chemist. You must understand, if your printer will not support these printer commands, such as a Commodore 1525, you will not be able to use these features. After you set the printer, go to the print pull down window, check in the "set printer codes", and your printer available codes will be listed.

The page and line length can be reset at any time by going to the print pull down window.

These are just a few of the commands available in this program, others may be found by reading the manual.

If you have the old program, it will be worth $4.60 for the upgrade version.

STAR SG10C OWNERS If you are having trouble with <u>UNDERLINING</u>, SUBSCRIPTS, SUPERSCRIPTS, BOLDFACE commands, you need the upgrade chip from STAR MICRONICS. I talked to a representative by phone and he advised me, any registered owner may get one free of charge by writing to: STAR MICRONICS INC. CUSTOMER SERVICE. 15500 ROCKFIELD BLVD. IRVINE, CA. 92718

Classified

HARDWARE

MSD SUPER DISK DRIVE, $200. Call E.J. Aufderheide at 397-2041 after 4 p.m.

NEW IN-THE-BOX MSD SD-2 dual drive, $400. Call 632-6545 after 5 p.m.

C-64 WITH COVER, $135. 1541 Flash!, $45. Surge protector power strip, $10. 235-6858 after 5 p.m.

OLIVETTI JET INK PRINTER with graphics driver and CARDCO B interface, like new, 10-months-old, $175. Call 235-4826.

MISCELLANEOUS

USED TRUMPET, works good. $35, price negotiable. Call Jerry at 235-6484 or 235-0703.

Book review

1541 guide is comprehensive

by Bob Lanham

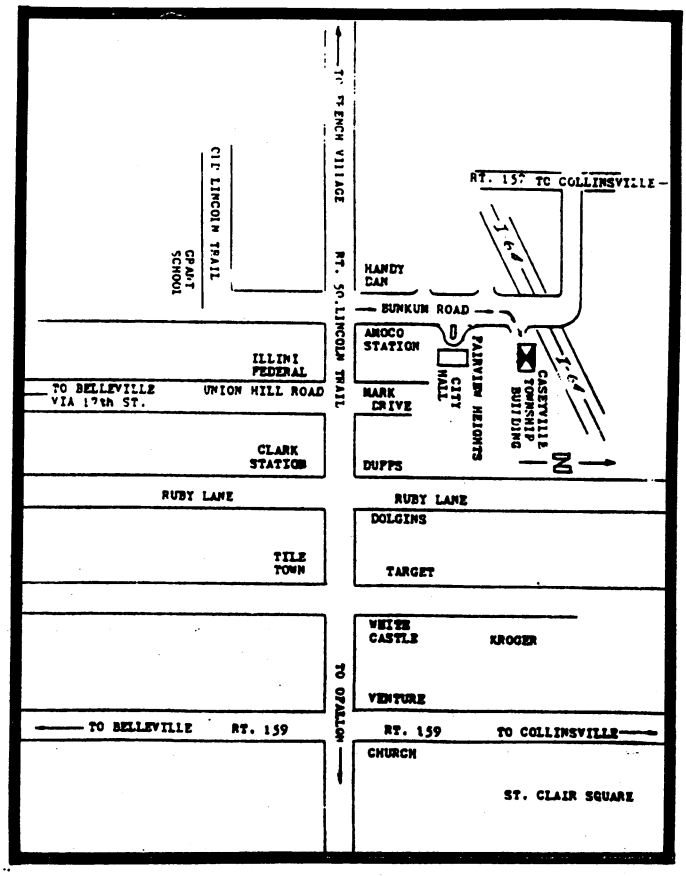
The 1541 User's Guide, by Dr. Gerald Neufeld
(1984:Datamost Publishing, 413pp)
$19.95

Gerry Neufeld and Dick Immers got together and wrote a book about the 1541 DOS, and they called that book Inside Commodore DOS. Unfortunately, those two men are extremely knowledgeable about computers, and their book turned out to be over the head of the casual user of the 1541 disk drive. So Gerry Neufeld set out to remedy the situation, writing a book that will take that casual 1541 user and bring him to a point where he might begin to comprehend something of what goes on inside his disk drive. This book, The 1541 User's Guide, is the result.

The book is subtitled The Complete Guide to Commodore's 1541 Disk Drive, and it is exactly that. Copyrighted in 1984 by Datamost Publishers, Neufeld's User's Guide is designed to be used by the average person who owns and uses a 1541. The chapters are written so that anyone who can read at high school level can understand them. They are also written independently of each other. You do not have to read chapter 1 in order to understand chapter 3. This leads to quite a bit of repetition, because each chapter assumes you haven't read the rest of the book. You get the same basic information over and over, but that is what makes the book work! If you want to read about the command channel and how it's used, you go right to chapter 3 and there's everything you need to understand the command channel. That's a real bonus for people who want just information related to their current project, not a bunch of unrelated background stuff that doesn't really address their specific interest.

The chapters include Getting Started, Using DOS 5.1, Using the Command Channel, Diskette Housekeeping, Introduction to File Handling, Program Files, Sequential Files, Relative Files, Indexed Relative Files, File Handling from Machine Language, Getting Out of Trouble, Care and Maintenance, A Bit of Background, and there are also a 10-page glossary, several reference tables, a list of disk error messages and their meanings, a summary of disk commands, and 50+ programs, many of which are disk utilities. For those who don't like to type, $24.95 (plus $2 s/h) will buy a disk with these programs on it.

I have found this book to be the most useful book on filehandling and DOS that I've ever seen. I keep it on a shelf right beside my computer, and I thumb through it frequently. It suits my purposes as an intermediate hacker (programmer); my wife also uses it for the instructions it gives on diskette housekeeping, since she doesn't get into computing the way I do. If you get only one book to help make your computing easier and more enjoyable, get this book. There are no others like it. There are some good books on file handling, but they are for programmers. This book is for everybody, programmer and non-programmer alike. You don't need any programming knowledge to use this book. All you need is knowledge about using your computer and disk drive (though this is covered as well), and Neufeld will take you from there. It really has taken a lot of the puzzle out of disk files and diskette housekeeping. Every time I go back to it, I learn something else new. This book is a real treasure trove for the home computer user.



Meetings are held on the third Wednesday of every month at the Caseyville Township Building

G.C.C. Directory

Next Meeting:

April 16 — 7 p.m.

Next Copy Session:

April 19 — 10 to 3

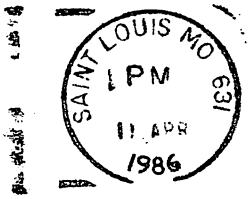
Computer Fair '86:

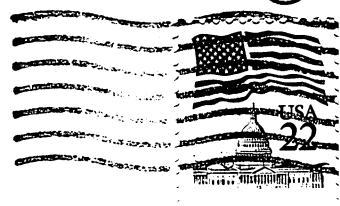
~~'86~~ **???**

Next Exec. Bd. Meeting:

April 23

GATEWAY COMPUTER CLUB
P.O. Box 1839
Fairview Heights, IL 62208





VOLUME 3 APRIL 1986 NUMBER 4

GATEWAY COMPUTER CLUB

GAZETTE

A COMMODORE USERS' GROUP

Volume 3 May 1986 Number 5

At May meeting

How to align your 1541

"How to align your 1541 disk drive" will be one of two demonstrations at the GCC meeting this month.

Bill Broda, a member of the GCC executive board, has arranged for Bob Tomlin of Mt. Vernon to present a "how to" demonstration on the alignment of the Commordore 1541 disk drive.

Tomlin teaches at Kaskaskia College and the Centralia Correctional Center and also operates a computer hardware repair business in his free time.

He will actually realign an ailing 1541 already out of alignment and will answer questions about the process.

Also on tap for the

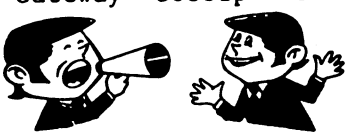
(Continued on Page 3)

In this issue

Gateway Gossip

A new feature of the GCC Gazette begins on Page 4 in this issue and you may be in it.

The column is called "Gateway Gossip" and



it will be a periodical feature of the Gazette, highlighting the members of the club, officers included.

View From The Top

by President Earl Salmons

Illegal copying not condoned

At the last meeting your old prez was verbally kicked, stomped, folded, spindled,and mutilated. All because someone thought that some members in the computer room were copying protected disks during the break.

It is (always has been and always will be) against club rules to copy protected disk at any club function. What you do in your own home is your business, but what you do at a club function is club business.

I was accused of not wanting to know what was going on in the next

(Continued on Page 8)

Computers integral to club

Some visitors to the monthly meetings, who have heard about the GCC from a member or other source, might think they have come to the wrong meeting when they enter the hall.

Even though we're a computer club, there are not many computers at the meetings and that is what we're all about.

The redesigned meeting format allows plenty of time for copying from the club's library and equipment is also needed for demonstrations and programs.

The officers are kept plenty busy lining up programs and making long-range plans to make your club even better. So why not get involved yourself and bring your equipment to the meetings?

Inside

Club buttons-Pg. 2
Join TPUG-Pg. 3
Review Vault-Pg. 7
Mach 128-Pg. 10
Bad disks?-Pg. 10

Orders being taken now for club buttons

Anyone who would like an official club button of the GCC, similar to those worn by the club officers, should contact Bill Broda at the May meeting to place their order.

Bill will make the buttons, complete with the club logo, member's name and club number and anything else, within reason and the space available, for the nominal charge of $1.

Also, to distinguish club members at Computer Fair '86, Bill is also going to make a couple of dozen of special Computer Fair buttons to be worn by those members working at the event at St. Clair Square this summer.

Treasurer's Report

by Bob Suarez

Balance MAY 86	1261.97
Income Apr 1986	
Membership	120.00
Disk Sales	335.00
Raffle 50/50	10.00
Soda Sales	7.00
Advertisment	150.00
TOTAL INCOME	622.00
Expenses Apr 1986	
Newsletter & Postage	99.00
Equipment & Supplies	39.64
Blank Disk	523.00
TOTAL EXPENSES	661.64
Current Balance	1222.33

The Club

Membership fee is $15. Members receiveaccess to our programs, literature and monthly newsletter. Direct all membership applications and questions to Larry Briggs, P.O. Box 1839, Fairview Heights, IL 62208.

The Officers

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M.A.L.	Joel Hillyard	282-3758

The Gazette

Editor: Jim Wright

The GAZETTE is published monthly by the GATEWAY COMPUTER CLUB and is a membership service. Please direct all submissions and advertising to Jim Wright, 711 Klein Dr., Smithton, IL 62285. Camera-ready advertising must be received by the the first Thursday of the month to be included in the issue of the following month. Rates are as follows: Full Page-$30; Half Page-$15, and Quarter Page-$7.50.

Contents of the GAZETTE may be reprinted by club newsletters and other non-profit publications, if accompanied by the author's name and credit is given to the GATEWAY COMPUTER CLUB. The GAZETTE must receive a copy of any publication containing reprints. The GAZETTE assumes no liability for errors in articles or advertisements.

Copy session is group effort

By Juanita Welker

The Gateway Computer Club held its second copy session of 1986 in the activity building at St. Clair Village.

The turnout by club members was very good. There were more than 40 people in attendance.

Because of last minute problems, Ken Welker, club librarian, was not able to attend, but with some very able assistance from club members the copy session was still a success.

I want to thank the following members: Bryan Bruss, Carl Sigler, Bill Broda, Treasurer Bob Suarez and President Earl Salmons.

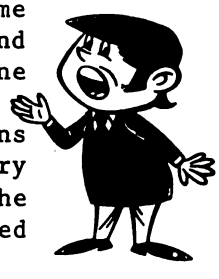
It's the involvement of members like these that makes our club a success.

(President's note: We should all thank Juanita for her unselfish dedication to the GCC made evident at the copy session by filling-in for her husband, Ken, who had to work that day. Without her we wouldn't have had the club library there for the copy session.)

● How to——

May meeting is a demonstration on machine language monitor by Dale Wentz, a long-time member of the GCC and an experienced machine language programmer.

Both demonstrations should prove to be very infomative for both the novice and experienced computer users.



Speaking of informative demos, a BIG thanks goes to Bill Eardley for his comprehensive program on Easy Script at the April meeting. He is welcome to give a demonstration anytime.

Members needed now to join TPUG

As you probably already know, we're trying to join TPUG (Toronto Pet Users' Group) to add new public domain programs to our library.

While investigating various memberships in TPUG, it was noted that we can all benefit if the GCC can get at least 15 members to join the huge Commordore users' group, which has a chapter in St. Louis.

For the $15 membership fee, each person receives a year's subscription to TPUG magazine (this is not just a newsletter, but a real magazine), which a current member says is well worth the money.

In addition, the club will get one free D.O.M. from TPUG and will be able to purchase future D.O.M.s from TPUG that will go directly into the club library and onto our own D.O.M.

If at least 15 members aren't interested in joining TPUG, Bill Broda will join for the GCC, but we won't get the free D.O.M. and the members won't get the monthly TPUG magazine.

Any GCC members interested in joining TPUG should contact Bill at the May meeting or by phone.

Groups solicited for new material

Other Commodore user groups or clubs who have new or different public domain programs are asked to contact the GCC about swapping their club's Disks of the Month with us.

Our librarian has taxed the club's supply of public domain programs and is in need of new programs. All correspondence should be to the GCC librarian c/o the club's address.

We'll be more than happy to give you our D.O.M. in return.

Printmaster

Better than Print Shop?

Software Review

by Bill Eardley

If you liked PRINT SHOP, then you really know what PRINTMASTER is all about. It is supposed to be an improved version by a competitor who is being sued by the makers of PRINT SHOP.

Really, there are improvements in this program in several areas and problems in one other.

First, the good news. PRINTMASTER can do all the things the older PRINT SHOP can do. It can create banners, letterheads, greeting cards, graphics (small, medium & large), etc.

The three major things that PRINTMASTER can do better than its older competitor are:

1. Make and save calendars. You are allowed to highlight and put in special events in different print styles. You may also use different graphics in the header.

2. You may preview all graphics on screen as your selection is made. This is really amazing at the speed it loads and displays those which are available. And yes, after you select one you are still able to revise the selection to meet your needs.

3. And the last and most important thing, you are allowed to see a screen preview of your final work before printing. This is true whether it be letterhead mode, greeting card mode, etc.

All of this and it sells for $10 to $15 less than its older competitor.

But now the bad news.

Several things bothered me. It will lock up if you try to stop your printer while printing. I really disliked this, since I was used to stopping the PRINT SHOP program at any time I wanted to make a change. Not so with PRINTMASTER. You will have to reload if you try this.

Also, back-ups are next to impossible to make. None of my programs would successfully make a good copy.

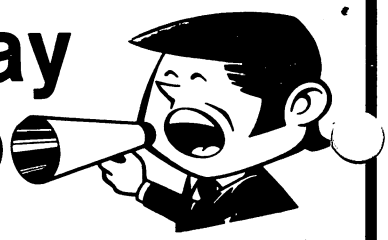
"You are allowed to see a screen preview of your final work..."

When all else failed, I did read the manual and they promised to send a back-up for $5. This is more than fair, however, it has been 6 weeks and still no back-up from the manufacturer. Hopefully it will arrive soon.

And I do not expect as many graphics to be made available in the public domain as there are for PRINT SHOP.

What would I buy, given my knowledge of both? I guess it would be PRINT SHOP, however, I reserve the right to change my mind.

Gateway Gossip



'Don't pick up tab'

A new feature of the GCC Gazette, Gateway Gossip, starts this month and don't think that you'll be left out.

This month, executive board members (and wives) get picked on, but it's all in good fun. Don't forget, you may be in this column next month.

GG-If you bring your wife to a club function, don't leave her alone and keep an eye on Earl S.!!!

GG-Speaking of Earl and the ladies, he was so impressed with the "lady" who manages the hall where we have our copy sessions that he wants to make her an honorary member of the club!!!

GG-Word has it that Juanita W., our soda lady, is planning to franchise her refreshment concession to other computer clubs. She's going to call it "Soda Hackers"!!!

GG-Here's a tip, don't pick up the tab if Bill Broda is dining with you. Not even Mastercard can cover his appetite!!!

GG-Bob Suarez, our extremely competent treasurer and acquirer of inexpensive disks, was overheard talking about buying 100,000 disks the next time he orders some!!!

Computer camp

Just a reminder that the Commodore summer camp is scheduled for the week of July 6-14 in Lincoln, Ill.

Any interested members can contact Bill Eardley for additional details about the camp.

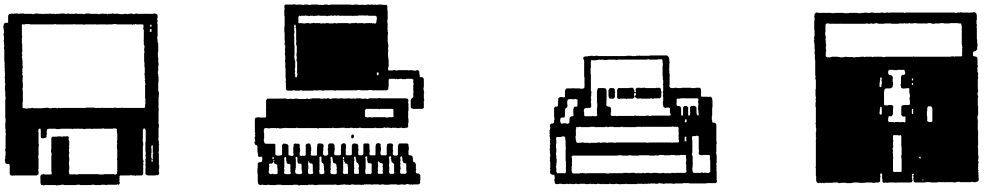
Bill Broda, a member-at-large on the GCC executive board, has attended the camp for the last two summers and can also answer questions about what goes on.



Software or Systems
Pontiac Shopping Center
5900 N. Illinois St.
Fairview Hts., Il 62208
(618) 624-2211

10 SOS Generic Disks(SS/DD) $6.00
10 SOS Generic Disks(DS/DD) $7.00
(Boxed W/Labels, Sleeves, WPs)

Commodore 128	$269.95
Commodore 1571	$249.95
Commodore 1902	$299.95
Seikosha SP-1000	$199.95





Secretary's Report

by Patrick Foley

The April 16 meeting of the Gateway Computer Club was called to order by President Earl Salmons.

The secretary's and treasurer's reports were accepted as published in the March issue of the Gazette. Monthly reports are now being published in the Gazette to help shorten the time of the business portion of our meetings.

Visitors to the meeting were welcomed by Salmons.

Librarian Ken Welker reported on the "Disk of the Month." Ken again asked that any new public domain programs not presently in the club's library be made available for club and the general membership.

It was reported that no word had been received from St. Clair Square confirming use of the mall for Computer Fair '86. It is hoped the date will be announced at the May meeting.

It was announced that Bill Broda, a member-at-large on the executive committee, would be joining TPUG for club. It was explained that this membership would allow the GCC access to the many thousands of programs in the TPUG library.

Salmons asked the membership in attendance if there was any interest in starting a buddy system aimed at helping new members to get acquainted with the club and its functions. General response from those in attendance was favorable and Salmons indicated such a program would be instituted with the new members.

Blank disks are now being sold by the GCC to its members, it was announced. Boxes of 10 disks will be $7. The first shipment of 500 disks was available at the meeting.

A second drawing of 50-50 tickets was announced with the

(Continued on Page 8)

Membership Status

The GCC welcomes the following new members to its ranks of Commodore computer users:

John and Sherry DeRosia, the Rev. Robert J. Kirkham and Everett Truttmann.

These and any other members should feel free to call upon any of the officers or club members at any time with questions concerning the club, its functions or any other matters.

The following members are reminded to renew their memberships at the May meeting to be able to continued participation in the club. They are:

Ray E. Allen, Eric Frost, Pat Kielbasa, Robert Kronenberger and Pamela Line.

All members are reminded that memberships may be renewed at anytime. This extends your membership a full 12 months from your present expiration date, regardless of when you renew.

Don't forget, you must have a valid membership card to vote on all club matters and to participate in the quarterly copy sessions and any other club functions.

Jim Border wins tournament game

By Juanita Welker

Congratulations to Jim Border. He won our first round of our game tournament. April's game was Pitfall and Jim won with a score of 42,756.

Other contestants included John Vago, Chris Grel, Rich Bone, and Brian Pluff.

Remember, sign up for the tournament continues thru the May meeting. All those who participated in April's game and did not win can try again.

Don't forget, you may bring your own joystick to use. There is a 15-minute time limit and the winner is determined by score.

The game at the May meeting will be Q-bert.

The Review Vault

by Vince Foley

Leader Board Golf

This month the Vault has been opened and LEADER BOARD GOLF has been released.

Leader Board Golf was written by Bruce and Roger Carver and is marketed by Access Software.

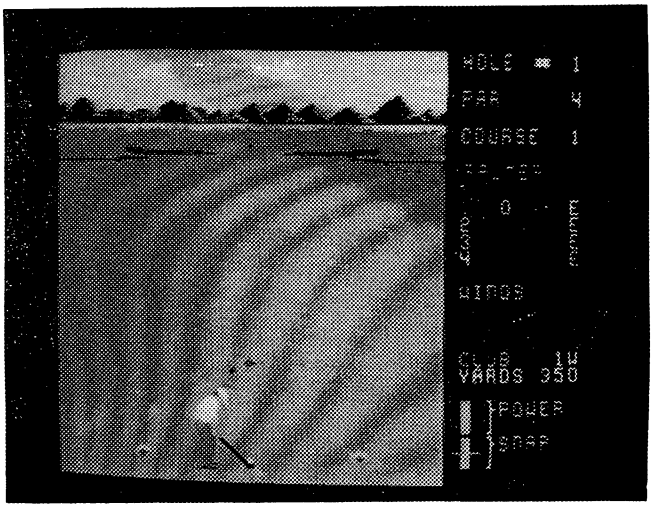
LBG allows you and up to three other "golfers" to play. You have your choice of 18 to 72 holes of golf on one of four courses.

I don't know how to play golf. To be honest, I've never even been on a golf course. However, after a few minutes of playing this game, I felt like I could give Arnold Palmer a run for his money.

That doesn't mean that this game is easy to play, it just means that this game is easy to learn.

LBG, although fun, requires a great deal of practice to hone your skills, much like real golf, but practice is made easy by several special features. There is a Driving Range option that lets you see first-hand the difference that control of your swing makes.

One thing about the game that I liked is you can choose your club from a set just like the pros - an iron or a wood or even a pitching wedge!



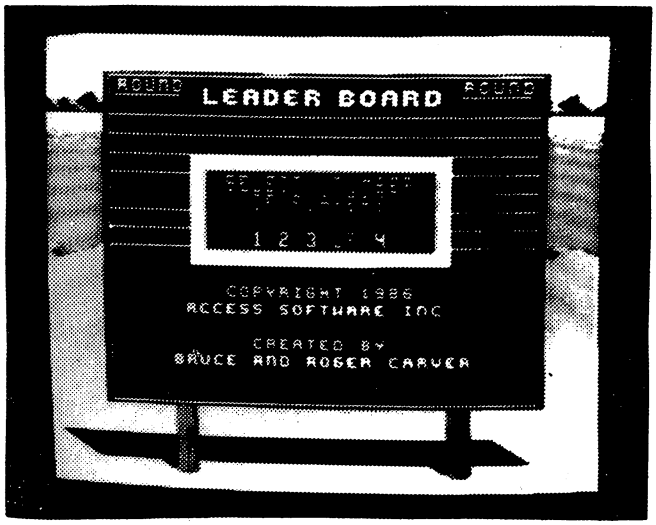
FOUR! You tee off with water hazards, islands and other obstacles between your ball and challenging greens.

Another interesting feature of LBG is the wind effect that is programmed into the game. The writers tried to put as much realism into LBG as was possible.

Speaking of realism, these guys reallywent wild creating interesting and challeging water hazards. Some of the greens are actually islands that you have to reach via other islands between them and the tees.

Even though I'm not a real golfer, I really enjoy this game and I think that you will, too. Who knows, maybe you'll be as good as Palmer or me, after a little practice on the driving range!

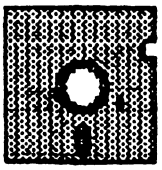
Until next month, so long.



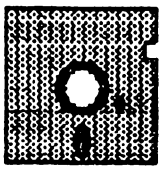
STROKE TOTALS are reviewed after each hole. Up to four players are kept track of by name with birdies, pars and bogies color-coded.

The Combination

	1	5	0
Originality	$$$$$		
Excitement	$$$$$$$		
Shelf-life	$$$$$$$		
Challenge	$$$$$$$$		
Graphics	$$$$$$$$$		
Realism	$$$$$$$$$		
Value	$$$$$$$$		



D. O. M.



by Ken Welker

XMOBUF 7.3.1/SRC
XMOBUF 7.3.1
XMODEM TRANSFER - These three programs are the latest version of XMODEM. The 7.3 version provides several enhancements over earlier versions. For the new members and for those who have recently purchased a modem, this is the program that is used for our club bulletin board.

XMOBUF DOC - This program provides instructions for using XMODEM, and other useful information about this program.

BOOTX80.C64
XMODM80.C64
X80CSET.C64 - These three programs allow you to run an earlier version of XMODE BUFFER in the 80 column display on your 40 column monitor.

LOTTERY GAME - Use this program to help you pick the winning numbers in the Illinois LOTTO game.

BLACKJACK - Play the card game of Blackjack on your computer.

CRAPS 1 - Play the dice game of craps on your computer.

The following programs are a condenced version of instructions on how to play these games: MS PACKMAN - GHOSTBUSTERS - STARLEAGUE BB - PITSTOP 2 - RAID OVER MOSCOW. These instruction programs may be printed by either using EASY SCRIPT,or the FILE READER program included on this disc.

● View

room. This is not true, I want to be informed of any unauthorized activities so they can be stopped. I care about the club. I investigated but could find nothing amiss.

It was suggested that our name be changed to Gateway Computer Pirates. I thought that to be cute, but silly.

It was reported at the last board meeting that in a city about 40 miles from here no less than the FBI raided a computer club. Several people were arrested for violation of the federal copyright laws. They were copying protected disks.

That club is trying to regroup but may not make it.

At first glance it seems ridiculous that the FBI would waste its time with penny-ante stuff like this what with all the big time crime going on all around us. But if someone with an axe to grind INVITED them and they could make an easy bust, why wouldn't they go? It could also be the local police, or even a manufacturer's agent. Perhaps even as I write, someone might already have an invitation to attend one of our meetings or copy sessions.

The best rule for the benefit of the club, and for yourself, is do not copy protected disks at any club function.

See you at the meeting May 21.

● Secretary's Report

winner to receive a card good for any future D.O.M.

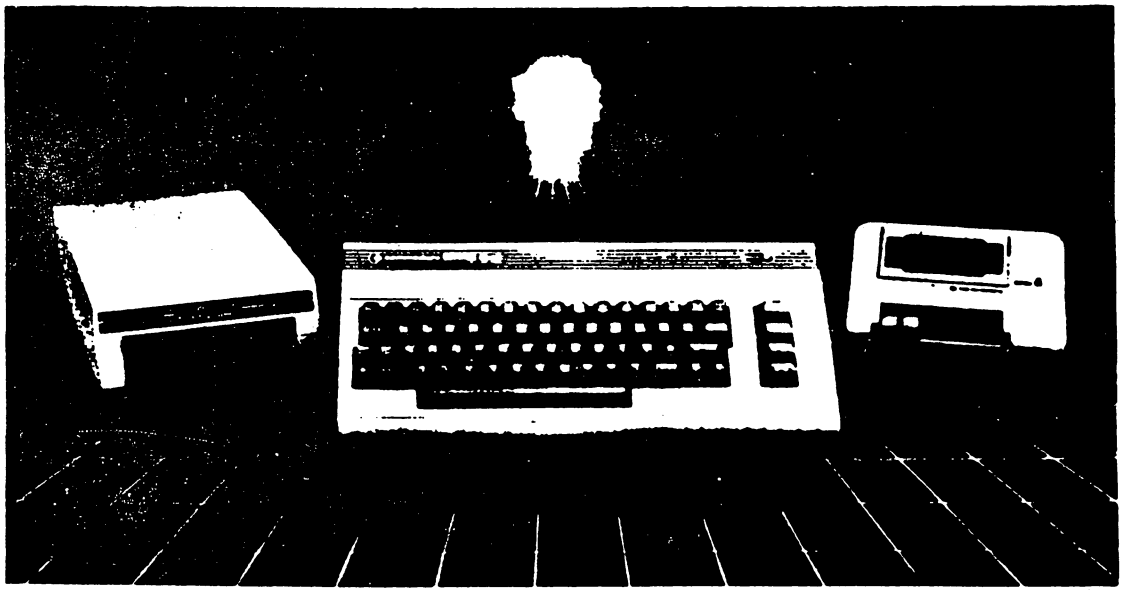
Salmons also told the membership that a list of current members and their telephone numbers will be put on the D.O.M. quarterly, commencing with the April disk.

There was little response to a suggestion that a no smoking area be established at the meeting site. No action was taken.

Members were reminded that they are welcome at all executive board meetings and that their input is welcome.

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(618) 277-2354

MON. - FRI 9 TO 7
SATURDAY 9 TO 5

MACH 128 is super fast

by Bill Eardley

Product Review

Most of you have heard of the FASTLOAD cartridge and the MACH 5. These are two brands of cartridges which plug into the user port of the C64 to turbo speed up your 1541.

These also give your computer a revised set of commands, such as listing a directory without erasing the program in memory. Both cartridges work relatively well for loading games fast (up to 500% faster), but are really not recommended for programs that write to the disk drive.

"It causes the 1571 to load programs at burst speed."

Now comes a new cartridge for the C128 and 1571 disk drive. It's called the MACH 128.

It plugs into the C128 at the user port and the results are amazing. It causes the 1571 to load programs at burst speed. I can load a basic 70-block program in about 7 seconds. Try that with a 1541.

The MACH 128 works in both the C128 mode and C64 mode. When in C64 mode, it works just like the older MACH 5.

There are a few programs it still loads the old slow way, such as EASY SCRIPT, but it still completes the load.

I also feel that the bugs of the older cartridges have been removed. In several weeks as a test, I did not have any bad files as a result of writing to the disks. None of the cartridges will work with my MSD and that's bad for me.

MACH 128 is a good product. Like all cartridges it should be removed when using a back-up program. When games for the C128 begin to appear, look for the MACH 128 to be a best seller. It is made by Access Software Inc. and lists for $50 ($15 more than the MACH 5).

"Mach 128 works in both the C128 mode and C64 mode."

Any bad disks?

Any club member who has purchased a bad disk (from the new disks being sold by the club for $7 a box) can return it to Librarian Ken Welker for a new one, no questions asked.

The only restrictions are that it has to be from the new batch of disks just acquired by the club and it can't be notched for use of the back side.

GCC service to members

Wrong type solder can cause problems

by Wally Maier

Here's an urgent message for those who tinker in electronics, in particular those who make gadgets for their computer equipment.

DO NOT, under any circumstances, use or allow to be used, ACID-CORE SOLDER.

I had a reset switch and a 8/9 drive switch installed by a well-meaning friend who didn't know.

Luckily, a small wire on the switch came loose about 18 hours after it was installed and I cleaned all the areas and re-tinned the circuit board.

Hopefully, you'll never have to learn about the dreaded acid-core solder the hard way.

Classifieds

HARDWARE

MSD SUPER DISK DRIVE, $200. Call E.J. Aufderheide at 397-2041 after 4 p.m.

NEW IN-THE-BOX MSD SD-2 dual drive, $400. Call 632-6545 after 5 p.m.

C-64 WITH COVER, $135. 1541 Flash!, $45. Surge protector power strip, $10. 235-6858 after 5 p.m.

OLIVETTI JET INK PRINTER with graphics driver and CARDCO B interface, like new, 10-months-old, $175. Call 235-4826.

MISCELLANEOUS

USED TRUMPET, works good. $35, price negotiable. Call Jerry at 235-6484 or 235-0703.

WANTED

1670 MODEM USERS in the GCC. Please call John Tanner at 797-0145.

TOO LATE TO CLASSIFY

PRINTER WANTED. Graphics a must. Not looking to pay a fortune, just want something to get started with printing. Call 876-4566 after 5 p.m.

CLASSIFIEDS ARE FREE and are run three consecutive issues for members. Sell your old software and unused hardware the easy way. Misselaneous items also accepted. Sign up at meetings or send to Gazette c/o 917 Washington, Madison, IL 62060.

WORKERS NEEDED for GCC Computer Fair '86. The more the merrier so donate an hour or two or three and make this the best Fair ever. Contact any officer to volunteer your services.

JOIN TPUG

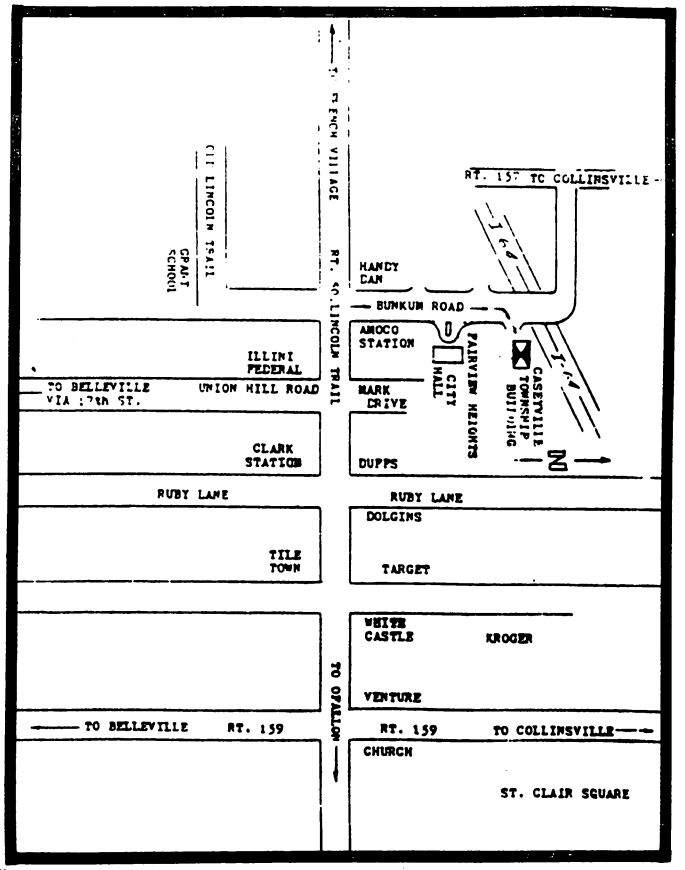
C-64 to pick D.O.M. winners

Two lucky members who attend the May meeting will each win a G.C.C. D.O.M. when a C-64 picks two membership numbers.

Since we can't use the same method as was used at the April meeting, placing cards under two chairs, a C-64 will pick the winners from the active membership.

Be sure to attend and keep your fingers crossed.





Meetings are held on the third Wednesday of every month at the Caseyville Township Building

G.C.C. Directory

Next Meeting:

May 21—7 p.m.

Next Copy Session:

July 19— 10 to 3

Computer Fair '86:

???

Next Exec. Bd. Meeting:

May 28—7 p.m.

GATEWAY COMPUTER CLUB
P.O. Box 1839
Fairview Heights, IL 62208

VOLUME 3 MAY 1986 NUMBER 5

GATEWAY COMPUTER CLUB

GAZETTE

A COMMODORE USERS' GROUP

VOLUME 3 JUNE 1986 NUMBER 6

June meeting to be copy session

Because there are quite a few members who think that having just four copy sessions per year isn't enough, the regular June meeting will be a copy session.

Of course, there will be a short business meeting at the scheduled time of 7 p.m., after which time copying will commence. No computers will be allowed to be used until the business meeting is over. Another reason for the impromtu copy session is that the location of the scheduled July 19 copy session is still in question.

A location for the club's quarterly sessions is being sought as it is improbable that we will be able to continue at the St. Clair Village location. There is a requirement that a member of the club live in the apartment complex and the person who was responsible for getting us in there no longer lives in the complex.

Anyone knowing a location with good access, close parking and lots of electrical recepticles is asked to contact any member of the executive board. At this point we are desperate for a new place.

BASIC programming SIG is scheduled

Without any formal canvassing of the membership, two members have decided to start a SIG (Special Interest Group) in BASIC programming.

GCC secretary Patrick Foley and his nephew, Vincent Foley, admittedly not pros at BASIC programming, will begin the informal SIG in the hopes of sharing tricks, shortcuts, subroutines and anything else others interested in BASIC programming have to offer.

A C-64, 1541 disk drive and monitor will be available for those joining in the SIG so hands-on programming can be done.

Anyone interested in the SIG is encouraged to bring any programs or utilities they might have that will help others in learning and using BASIC programming .

If you don't know anything about BASIC programming and would like to learn, don't be shy and have a notepad ready.

Fair '86 date set

By Juanita Welker

HURRAY!!! WE HAVE CONFIRMATION!

Our Computer Fair '86 will be held August 23, 1986, St. Clair Square. Hours will be from 10:00 a.m. to 9:00 p.m.

We need members to bring their computers and participate. Sign up sheets will be available at next meeting. Please list times you will be available.

See you all at the fair.

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SECRETARY'S REPORT..PG 6

Forefront

Just for 128ers

A nationwide users group for C-128 owners has been formed and is looking for members. The Forefront National Users Group is apparently based in St. Louis, which gives us an edge when joining such a group.

Forefront's goal is to educate members on the 128's advanced softwareee and hardware features and how to utilize the C-128 to its maximum capabilities.

Membership is $25 per year which includes 12 issues of its newsletter and a C-128 programmer's reference card.

For more information, contact Forefront with a self-addressed stamped envelopeat: Forefront, P.O. Box 21826, St. Louis, MO 63109.



There is no "View from the Top" column in this issue due to a long-overdue vacation by our leader. His profound prophecies will return in July.

Treasurer's Report

by Bob Suarez

This is the Financial Report as of June 1, 1986

Balance May 1, 1986	$1222.33
Income May 1986	
Membership	$135.00
Disk Sales	383.00
Raffle 50/50	13.50
Advertising	30.00
Soda Sales	6.25
TOTAL INCOME	$567.75
Expenses May 1986	
Newsletter & Postage	104.00
TOTAL EXPENSES	$104.00
Current Balance	1686.08

The Club

Membership fee is $15. Members receiveaccess to our programs, literature and monthly newsletter. Direct all membership applications and questions to Larry Briggs, P.O. Box 1839, Fairview Heights, IL 62208.

Only public domain programs are kept in the Gateway Computer Club library. The copying of copywrited software is not promoted nor condoned by the GCC and will not be tolerated at club functions.

The Officers

PRESIDENT:	Earl Salmons	397.5029
VICE PRES:	Larry Briggs	345-0220
SECRETARY:	Pat Foley	876-4566
TREASURER:	Bob Suarez	277-8057
LIBRARIAN:	Ken Welker	234-5901
EDITOR :	Jim Wright	233-1198
M.A.L. :	Bill Broda	533-0148
M.A.L. :	Joel Hillyard	282-3758

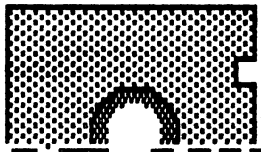
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Editor: Jim Wright

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876-2155

SOFTWARE AND ACCESSORIES FOR COMMODORE 64/128 AND NOW EPSON PRINTERS

M-F 9-6 SAT 10-4

Volunteers needed, preparations underway

Few people have volunteered to work at Computer Fair '86 and much needs to be done to make this year's fair a success.

The fact that the date still has not been confirmed by St. Clair Square is an understandable problem for putting it on a personal schedule, but there are things that need to be done prior to the fair that can be done by those who know that won't be able to attend the fair.

Several banners, posters, ideas for deomnstration programs, hand-outs and other details still need to be readied and Juanita Welker, chairperson of the event this year, can put your talent to work to make it a success.

The more members who volunteer, the less each will have to do and all can have fun doing it.

The better we prepare the better the fair will be. There are a lot of potential new members who will be in the mall during our fair and the GCC and its members can benefit greatly from the exposure the club gets at the fair.

No one is asking members to cut off their arms, just use them and their talents to help promote the club at Computer Fair '86.

The fair, and the club for that matter, can only be as good as we make it, so participate. You might be surprised at the people you'll meet and come to know and the things you will learn about computers among other things.

Gateway Gossip



Dancing girls at Fair

GG-It's been kicked around that we're going to need something to attract people to the Computer Fair, so Earl S., who else???, has suggested several dancing girls, with the GCC logo tattooed around their navels, could dance on top of the tables among the computers. The only problem is the public, at least the men, might never see the computers. We know Earl wouldn't!!!

GG-John T., the member who is taking orders for GCC ball caps at $4 a crack, a really good price for a great looking hat, was overheard saying something about going to Hawaii on the profits from the sale if he can get enough orders!!!

GG-Some members still haven't figured out what TPUG stands for. Some think its the initials of a Canadian animal lovers' group, others think it stands for The President's Useless Gabbing. Others think it stands for Toronto Pet Users Group, but what do they use their pets for???

GG-To see if the GCC members who attend the monthly meetings are really alive and paying attention, the executive board has decided to have special incentives for those who grunt the loudest when discussions are going on.

Questions needed for Tech Corner

Rich Fisher, our Tech Corner columnist, has lots of answers, but isn't getting any questions.

If he doesn't know the answer to your questions himself, he will find the answer and publish it in his monthly Tech Corner column. There's only one problem, it seems the members of the GCC know everything about their equipment and programs.

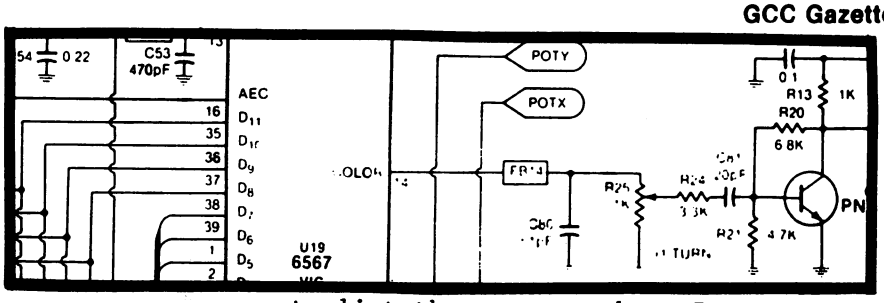
If there is anything you want to know about computers, disk drives, modems, printers or anything else about computing, send your questions to Rich. A 14-cent post card, available at your local post office, is the easiest and cheapest way to send questions to him.

If this is still to much for you to do to get your questions answered, write them on a piece of paper and give them to him at the regular monthly meetings.

So send your questions to: Rich Fisher, P.O. Box 207, Belleville, IL 62222.

The Tech Corner

by Rich Fisher



Dear Rich:

A friend of mine asked me if I wanted a copy of the great "Wedge" program. I asked him what it was, and he stated that it makes the disk drive run faster...is that true?

...Confused

Dear Confused:

Don't bother with a copy, you probable already have one. This is the program called "Dos 5.1" on the disk that came with the disk drive. It's actually two programs-the loader called "C-64 wedge" and the ML portion called "dos 5.1".

It doesn't speed up the drive, but it is a very powerful program that wedges itself into a section of memory between the part the computer uses for itself and the part you need. It does speed up the time it takes you to access the drive by allowing two key commands to scratch files, load directories, renaming a file, load/run programs, and several other options.

Here's a tip to help speed up the access time to the wedge. I have renamed the loader from "C-64 wedge" to "!", now all I have to type is load "!",8-and since the ! key is next to the " key, I can "wedge" the program in very quickly. I put this program on many of my disks, and I use it often. Also you can use the "*" as a wildcard select for speed. If you want to scratch an entire disk, just type >s:* and you will be left with a blank disk.

Did you ever scratch a program by mistake? Just type /* before you do anything else and presto...the program is back in memory, now type a backarrow and the name of the program and it will be back on the disk.

Dear Rich,

I received a program from a friend tht won't list. How in the heck did he do that?

...No List

Dear No List:

This is an old trick and there are several ways of doing it. You didn't say what did happen when you tried to list the program but I suspect you got a syntax error right after a rem statement was listed. If so list the program again and delete (using the cursor) the rem, the colon following it and the space after the colon. Hit the return key to make the change a part of the program, then list again.

It will list unless your "friend" has more than one of these show-stoppers included in his program. If you want to use the trick, just insert a line with a "rem" then a ":" then a "shifted L", hit the return key and when you try to list the program, it will only list to that line. Cute, isn't it?

Dear Rich,

How do you list a machine language program?

...John T.

Dear John T:

Your postcard didn't say if you wanted it listed to the printer or the screen, but here's both: To the screen requires a ML monitor program. There are several in the club's library...Bring your computer to the meeting and copy some...FREE!!!...then, depending on the one you use there is a command to list the program (usually "L"). To print the list, same ML monitor is loaded, then use the following line in direct mode.

OPEN 4,4:CMD4:SYS9999:PRINT#4:CLOSE4

Now replace the 9's with the sys number that starts your monitor and when the return key is executed, the printer will do it's thing.

Well gang, it looks like the line counter in the corner has reached that magic point before I got all your cards answered. I am sorry I can't answer all the cards, but I try to be a little selective. The powers that be tell me they want my column a month in advance, so PLEEEAAASSEEE send a few more cards or letters fast!!!!!!

Oh yeah...send them to:

THE TECH CORNER
PO BOX 207
BELLEVILLE, IL 62222



Secretary's Report

by Patrick Foley

The May 21 meeting of the Gateway Computer Club was called to order by President Earl Salmons.

The secretary's and treasurer's reports were accepted as published in the March issue of the Gazette. Monthly reports are now being published in the Gazette to help shorten the time of the business portion of our meetings.

Visitors to the meeting were welcomed by Salmons.

It was reported that no word had yet been received from St. Clair Square confirming use of the mall for Computer Fair '86. Juanita Welker, chairman of the event, reported that she had sent another letter and was going to wait four days for a reply before contacting the St. Clair Square offices for an explanation of the delay in granting the club's request, which was made by a letter dated January 28 of this year.

Bill Broda, a member-at-large on the executive board, explained the procedure for GCC members to join TPUG and told those present about the benefits to both the club and those joining the international Commorodre users' group.

It was announced by President Salmons that a new program, written by club secretary Patrick Foley and his nephew Vincent Foley, would be used to pick the two winners of the GCC D.O.M.

The program is to be used at future meetings to pick club membership numbers at random for D.O.M.s and any other use. The program was later placed in the GCC library.

President Salmons made reference to his remarks printed in the "View from the Top" column in the May '86 Gazette dealing with the illegal copying of copywrited programs at club functions. He asked those in attendance if an amendment to the GCC Constitution was needed to deal with those violating club policy, but the general concensus was that no such amendment was needed and that members should be trusted to abide by the club rules already established.

With no further business, the meeting was adjourned.

Membership Status

The GCC welcomes the following new members to its ranks of Commodore computer users:

James Greer of Granite City, Joe Serra of Hazelwood, Mo., and Everett Truttmann of O'Fallon.

These and any other members should feel free to call upon any of the officers or club members at any time with questions concerning the club, its functions or any other matters.

The following members are reminded to renew their memberships at the June meeting to be able to continued participation in the club. They are:

Mark C. Bye, James K. Johnson, Maryann Jones and Gene Lindsey.

All members are reminded that memberships may be renewed at anytime. This extends your membership a full 12 months from your present expiration date, regardless of when you renew.

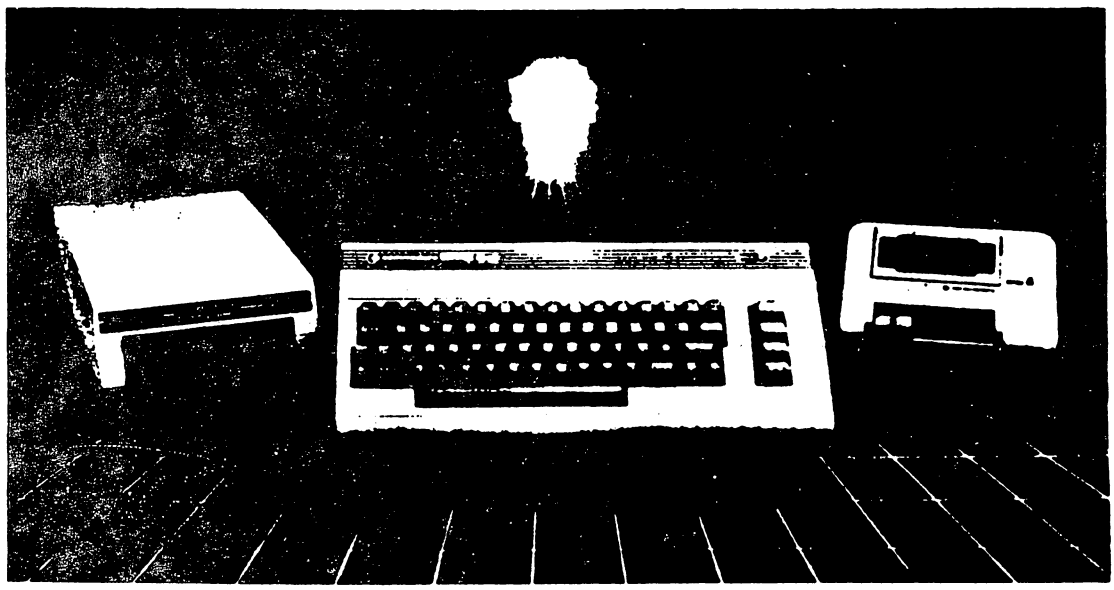
Don't forget, you must have a valid membership card to vote on all club matters and to participate in the quarterly copy sessions and any other club functions.

What kind of a member are you?

Are you an active member
The kind that would be missed,
Or are you just content
That your name is on the list?
Do you attend the meetings
And mingle with the flock,
Or do you stay at home
And criticize and knock?
Do you ever tote and lift
Your mind and body ever quick,
Or leave the work to just a few
And talk about the clique?
Come to the meetings often
And help with hand and heart.
Don't be just a member
But take an active part.
Think this over, member,
You know right from wrong,
Are you an active member
Or do you just belong?

COME IN AND SEE WHAT A
COMMODORE COMPUTER CAN DO FOR YOU.
HUNDREDS OF PROGRAMS ARE AVAILABLE.
ASK ABOUT OUR SYSTEM PACKAGE

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COMPUTER



K+'S

Kappel's Computer Store Inc.
125 E. Main, Belleville, IL 62220
(618) 277-2354

MON. - FRI 9 TO 7
SATURDAY 9 TO 5

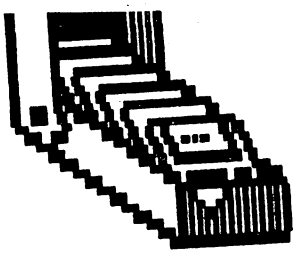
D. O. M.

by Ken Welker

"A"
"ROUTINES"- Your Newsleter Link, use this program to write article for our club news letter.

MAGIC MUSIC MACH
TOM SAWYER
EVERYSTEP/POLICE - Play music on your computer.

SQUEEZEPRINT.1 - A custom print program for the GEMINI 10X and SG-10 printer.



PHX128.LBR
PHX-TERM V8.0
PHX.BOOT
PHX.LOADER
PHX ML
PHX.ML2 - Load"PHX.BOOT",8 - this is a modem program for the C128 and runs in the 80 col. mode only.

JUMBO JET LANDER - Try to land the jumbo jet with out crashing.

SLOT JOY
ONE ARMED.MLDATA - Play the slot machine on your computer.

I would like to express a special thanks to Wally Maier for the News Letter Link program, and to Jim Tomlinson for all of the download disks from QuantumLink bulletin board.

How to

Keep your C-64 clean

For those of you who still are using your old, reliable C-64, especially those of you who have been using your's for quite a while, the July issue of Commodore Power/Play has an excellent article.

Titled "Keyboard Cleanup," it is a step by step set of instructions, complete with photos, on how to clean the keyboard of a C-64. The author, Jeffrey Hersk, encourages anyone "with a reasonable amount of handiness" to try it.

In the process, you will also see and learn about the guts of your C-64, which isn't a bad idea either.

Only simple tools are needed: a Phillips screwdriver, pliers, a solder gun, electrical solder and a desoldering braid. There are two wires you must de-solder when taking the computer apart for cleaning and then resolder when reassembling the unit, but don't let this deter you from trying.

Anyway, cleaning the keyboard certainly can't hurt and your C-64 will thank you for it.

SEE YOUR AD HERE

Reach Computer Users Every Month

FULL PAGE — $30
HALF PAGE — $15
QUARTER PAGE — $7.50

Gateway Computer Club GAZETTE

C-128 $269.95
C-1571 $249.95
C-1902 $299.95
AMIGA PC $1295
AMIGA MONITOR $495

SOFTWARE
OR SYSTEMS
5900 N. ILLINOIS
FAIRVIEW HTS, IL
(618) 624-2211

The Review Vault

by Vince Foley

The Bard's Tale

This month the Vault has been opened and THE BARD'S TALE has been released.

The Bard's Tale was designed by Michael Cranford and is released by Electronic Arts. I purchased my copy from The Computer Software Store in Granite City for $36.00.

The Bard's Tale is a fantasy role-playing game. It is the first in a series of similar games called Tales of the Unknown.

I enjoy adventure games. I play them all the time and I would have to say that this is the best one I have played to date.

It has all the qualities of a good adventure game. It has several classes, several races, magic, combat, dungeons, and even taverns.

It also has one other feature that few adventure games have and that fewer still do well. I'm talking about graphics.

Different sections of the screen serve different functions. Part of it lists your adventure group, its health, armor class, etc. Another section describes what you see, gives combat options, as well as giving you other options during the game.

But the most interesting section is its graphics area. It shows a picture of what your group sees. David Lowery did the graphics for the game and he did an excellent job. The graphics are sharp and clearly defined. Another touch I like is the fact that if your group sees something in the distance, as you get closer, it looks closer. VERY realistic.

I could keep on talking about this game for quite a while, but I think I'll play it instead.

Until next month, so long.

The Combination

```
                    1   5    0
Originality....$$$$$$$
Excitement.....$$$$$$$$
Shelf-life.....$$$$$$$
Challenge......$$$$$$$$
Graphics.......$$$$$$$$$$
Value..........$$$$$$$$
```

Any bad disks?

Any club member who has purchased a bad disk (from the new disks being sold by the club for $7 a box) can return it to Librarian Ken Welker for a new one, no questions asked.

The only restrictions are that it has to be from the new batch of disks just acquired by the club and it can't be notched for use of the back side.

GCC service to members

Door prizes to be awarded at meetings

Starting with the June meeting, members will have one more reason to attend the monthly meetings of the GCC.

It was decided at the May executive board meeting that and attendance prize will be awarded to a member at the monthly meetings. Valued at up to $20, the prize will be different at each meeting and will be some type of useful hardware product such as disk holders, joysticks, head cleaners, etc.

The only catch is that you must be present at the regular monthly meetings to win. The program used at the May meeting to select two membership numbers for the D.O.M. give-a-way, will be used to select the lucky member's number who will win the monthly attendance prize, so BE THERE!!!

Classifieds

HARDWARE

MSD SUPER DISK DRIVE, $200. Call E.J. Aufderheide at 397-2041 after 4 p.m.

NEW IN-THE-BOX MSD SD-2 dual drive, $400. Call 632-6545 after 5 p.m.

C-64 WITH COVER, $135. 1541 Flash!, $45. Surge protector power strip, $10. 235-6858 after 5 p.m.

OLIVETTI JET INK PRINTER with graphics driver and CARDCO B interface, like new, 10-months-old, $175. Call 235-4826.

MISCELLANEOUS

USED TRUMPET, works good. $35, price negotiable. Call Jerry at 235-6484 or 235-0703.

WANTED

1670 MODEM USERS in the GCC. Please call John Tanner at 797-0145.

PRINTER WANTED. Graphics a must. Not looking to pay a fortune, just want something to get started with printing. Call 876-4566 after 5 p.m.

WORKERS NEEDED for GCC Computer Fair '86. The more the merrier so donate an hour or two or three and help make this the best Fair ever. Contact chairperson Juanita Welker or any officer to volunteer your services.

CLASSIFIEDS ARE FREE to members and will be run three consecutive issues of the Gazette. Sell your old software and unused harware that's just collecting dust. Miscelaneous items also accepted for publication. Sign up at meetings or send to Gazeete c/o 917 Washington Ave., Madison, IL 62060.

Vago wins May tourney

By Juanita Welker

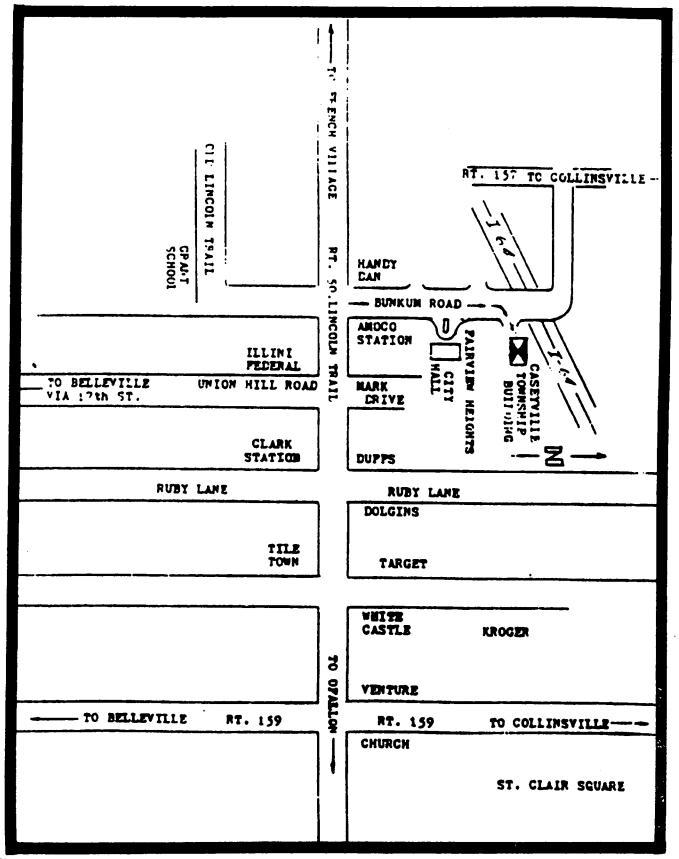
Our congratulations go to John Vago. John won our tournament for May with a score of 1675.

Other participants were: Tony Vago, Dan Arnold, Chris Greer, Eric Frost and Scott Harter.

Remember you may use your own joystick when you play in the tournament. Prize for the over all winner will be awarded during our Educational Computer Fair '86 to be held August 23, 1986. Sign up at next meeting.

June's game will be Choplifter!





Meetings are held on the third Wednesday of every month at the Caseyville Township Building

G.C.C. Directory

Next Meeting:

June 18 —7 p.m.

Next Copy Session:

July 19 — 10 to 3

Computer Fair '86:

August 23

Next Exec. Bd. Meeting:

June 25 —7 p.m.

GATEWAY COMPUTER CLUB
P.O. Box 1839
Fairview Heights, IL 62208

VOLUME 3 JUNE 1986 NUMBER 6

GATEWAY COMPUTER CLUB

GAZETTE

A COMMODORE USERS' GROUP

VOLUME 3 JULY 1986 NUMBER 7

Modems, Superbase on tap

Everything you ever wanted to know about modems and Superbase will be discussed and demostrated during two programs at the July regualr meeting.

Dale Wentz, one of the founders of the GCC more than three years ago, will demonstrate how to use modems and how they can be used. Several computers will be linked together with modems, allowing hands-on instruction and demonstrations.

Treasurer Bob Suarez will demonstrate the Superbase database, which is used by the club for all of its membership lists and status, treasurer s books and mailing lables.

Several monitors will be linked together to allow easier viewing of the program.

The highlights of the Superbase system will be talked about and the basics of setting up a database with the program will be discussed.

Coincidentally, Don Woodward, our immediate past editor of the Gazette, has written an article about setting up a database. It appears on Pages 6 & 7 of this issue.

Woodward doesn't address any particular database system, but rather outlines the fundemental process of setting up a database, step by step. Anyone interested in databases should find it quite helpful.

No July copy session

The previously scheduled copy session for Saturday, July 19, has been canceled.

Because of the positive feedback from the membership at the copy session on the June regular meeting night, the executive board has discussed the possibility of having another Wednesday night copy session in the near future.

Also, a suitable location has not been found to have a regular Saturday copy session. The club can no longer use the facility at the St. Clair Village apartment complex. If anyone knows of a location in the Fairview Heights area, preferably at no cost to th club, please contact any of the executive board members.

'Keys to the Future' is theme of Fair '86

"Keys to the Future" will be the the theme of Computer Fair '86, scheduled for Saturday, Aug. 23.

Only eight people have signed up to work at the fair. We need MORE! Please help us and the club by spending just a few hours with us at the Sqaure.

At the August meeting we will be making posters and banners for the fair, so bring your computers and printers and help make this fair a real success.

We have some very good ideas for making this years fair best ever, but only participation by the membership can assure us of our goal.

For those of you who do work at the fair, special dated buttons are now being made by Bill Broda for participants to wear at the fair and keep as a memento of the event.

So, BE THERE!!!

Greer wins tourney

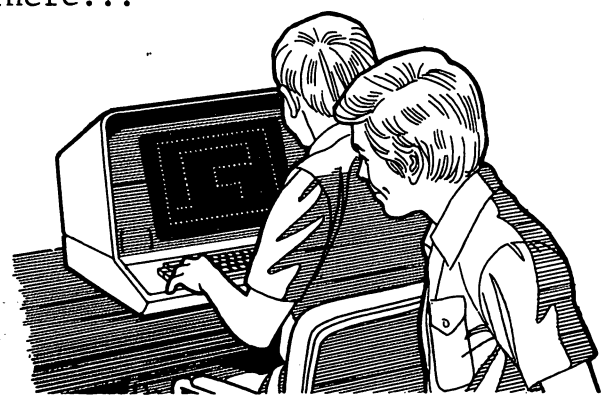
By Juanita Welker

Congratulations to Chris Greer.

Chris won our June game tournament by posting a score of 32 in Choplifter. The other participants included Tony Vago, Joe Timmermann, Scott Harter, Eric Frost and Ian Foley.

We will again have a sign-up sheet available at the July meeting. The game for July will be Zaxxon!

The playoff for the tournament will be during the Computer Fair '86 at St. Clair Square on August 23. Be There!!!



Treasurer's Report

by Bob Suarez

This is the Financial Report as of July 1, 1986

Balance June 1, 1986...$1686.08

Income June 1986

Membership	$45.00
Disk Sales	165.00
Raffle 50/50	16.00
Advertising	90.00
Soda Sales	6.05
TOTAL INCOME	$322.05

Expenses June 1986

Newsletter & Postage	111.40
Caseyville Township	50.00
Door Prizes	21.22
Printer	303.00
Misc & Supplies	28.30
TOTAL EXPENSES	$513.92

Current Balance.....1494.21

The Club

Membership fee is $15. Members receiveaccess to our programs, literature and monthly newsletter. Direct all membership applications and questions to Larry Briggs, P.O. Box 1839, Fairview Heights, IL 62208.

Only public domain programs are kept in the Gateway Computer Club library. The copying of copywrited software is not promoted nor condoned by the GCC and will not be tolerated at club functions.

The Officers

PRESIDENT:	Earl Salmons	397.5029
VICE PRES:	Larry Briggs	345-0220
SECRETARY:	Pat Foley	876-4566
TREASURER:	Bob Suarez	277-8057
LIBRARIAN:	Ken Welker	234-5901
EDITOR :	Jim Wright	233-1198
M.A.L. :	Bill Broda	533-0148
M.A.L. :	Joel Hillyard	282-3758

The Gazette

Editor: Jim Wright

The GAZETTE is published monthly by the GATEWAY COMPUTER CLUB and is a membership service. Please direct all submissions and advertising to Jim Wright, 711 Klein Dr., Smithton, IL 62285. Camera-ready advertising must be received by the the first Thursday of the month to be included in the issue of the following month. Rates are as follows: Full Page-$30; Half Page-$15, and Quarter Page-$7.50.

Contents of the GAZETTE may be reprinted by club newsletters and other non-profit publications, if accompanied by the author's name and credit is given to the GATEWAY COMPUTER CLUB. The GAZETTE must receive a copy of any publication containing reprints. The GAZETTE assumes no liability for errors in articles or advertisements.

View From The Top

by President Earl Salmons

A good year — so far

The regular meeting on July 16 will mark the halfway point of this executive board's administration.

I can do nothing but praise the board members for their hard work in implementing the programs and goals we set for ourselves back in February.

Patrick Foley has done wonders with the Gazette. Pat's goal is to make it look like a real newspaper, and he is pretty close. Our librarian, Ken Welker, not only has to come up with a D.O.M., but write a full-blown article for it, too.

For the first time, the membership gets a complete financial report each month. Bob Suarez, our treasurer, is also compiling a list of all club property and who is responsible for each item.

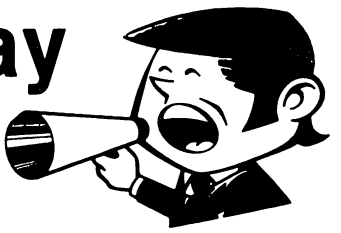
Vice president Larry Briggs is also our membership chairman. When Larry isn't writing re-ups and new membership cards, he spends his time thinking up ways to get more members for the club and more members to the meetings.

Jim Wright, Bill Broda and Joel Hillyard worked on our surveys, polls and programs. Because Bill and Joel live so far away, these guys spend a lot of time and money in traveling and phone calls.

All in all, we have a good hard-working board and the response from the general membership has been most gratifying.

The executive board thanks all of you, from the bottom of our hearts, for your cooperation and support and hope we can be deserving of your support for the remainder of the year.

Gateway Gossip



Bus service to meetings

GG--Congratulations are in order for Vice President Larry Briggs. He and his wife have just celebrated their 50th wedding anniversary. He might not have made it that long if the computer had been invented any earlier!!!

GG--MR. Wally M. provided an impromptu mini-copy session recently. About 8 GCC members, many well-known to most members, went to town using a portable SX-64 to copy some new public domain software over coffee and DONUTS!!!

GG--Earl S., being a conscientious member, wrote a check for the $15 membership fee and agreed to join TPUG so the club would have the required number of applicants, 15, to qualify the club for a free TPUG D.O.M. each month. What a guy! But just minutes later, upon closer scrutiny of the TPUG application, found out that we need 25, not just 15, members to join to get the free disks. Thanks anyway, Earl!!!

GG--Rumors are flying about an alleged Gateway Movie Club. We'll have more on this later as information becomes available!!!

GG--With incentives to attend meetings at an all-time high, the only thing left is bus service to and from the Caseyville Township Hall for members on meeting nights. One member, with a little red van, has been eyed by some of the board members for the honors. A fare of one blank disk to subsidize the service was also talked about!!!

D. O. M.

by Ken Welker

GO64AUTOBOOT - This program is a must for the C128 owner. It will auto load and run any C64 program by simply putting the disk in the disc drive and turning on your C128 computer. The instructions for using this program are self-contained in the program.

QUICKCOPY - This is an excellent fast copy program for a single 1541 disc drive. It will copy a whole disc or copy single files from a disc.

BRUNHILDE - Help Brunhilde rescue Bruno who is stuck in Valhalla Prison.

SUPERTANK - Shoot down enemy tanks with your choice of the Tiger, T-34, or Sherman tank.

PS<-->PM CONVERT - This is a super program for those of you who have PrintShop and PrintMaster. This program will convert graphics of PrintShop so the will run on PrintMaster, or convert PrintMaster graphics to run on PrintShop.

BOND LOADER

BOND MEDLEY 1 - Load and play a medley of 5 theme songs from James Bond movies. These are : Theme from Dr. No, Diamonds Are Forever, Theme from The Spy Who Loved Me (Nobody Does It Better), For Your Eyes Only, And All Time High.

ALL PURPOSE LABL - Prints a label up to 5 lines. This will work with the Commodore 1526 printer.

FIGHT/CENTURY - Uses 2 Joysticks. A game of Fisticuffs. See if you have the boxing skill to become champ.

DISC LIBRARY 5.0 - A Library file program designed to file programs by catagory (games,program aids, utilities, etc.). It also provides up to 70 char. comment space for each program.

DISC CAT - Read a disk directory, and then store it by programs only, seq. files only, or both. It allows you to customize your disk library.

DSKFL DOC - Instructions for using DISC CAT.

DISC CAT DOCS - Up-dates for DSKFL DOC.

QIK SORTDIR - This program will read, sort, and rewrite the directory of a disc in alphabetical order.

9SEC BOOTER

SEC9LD

9SECFO - A format program that will format a disc in 9 seconds.

The Review Vault

by Vince Foley

This month the review vault has been opened and THE HITCHHIKER'S GUIDE TO THE GALAXY has been released.

The text-only adventure game was designed by Steve Meretzky and Douglas Adams and can be bought for around $25.

Hitchhiker's, which is based on the best-elling book of the same name, is, to say the least, interesting. To anyone familiar with Adams' work, it is easy to tell that he helped design the game. It captures the same sense of adventure that can be found in his books.

In the game, you are Arthur Dent and it's the worst Thursday of your life. Your house is destroyed, your planet disintegrated, and now the adventure begins.

While it's easier to play the game if you've read the book, especially in the begining of the game, it's not necessary due to the expertise of the game designers.

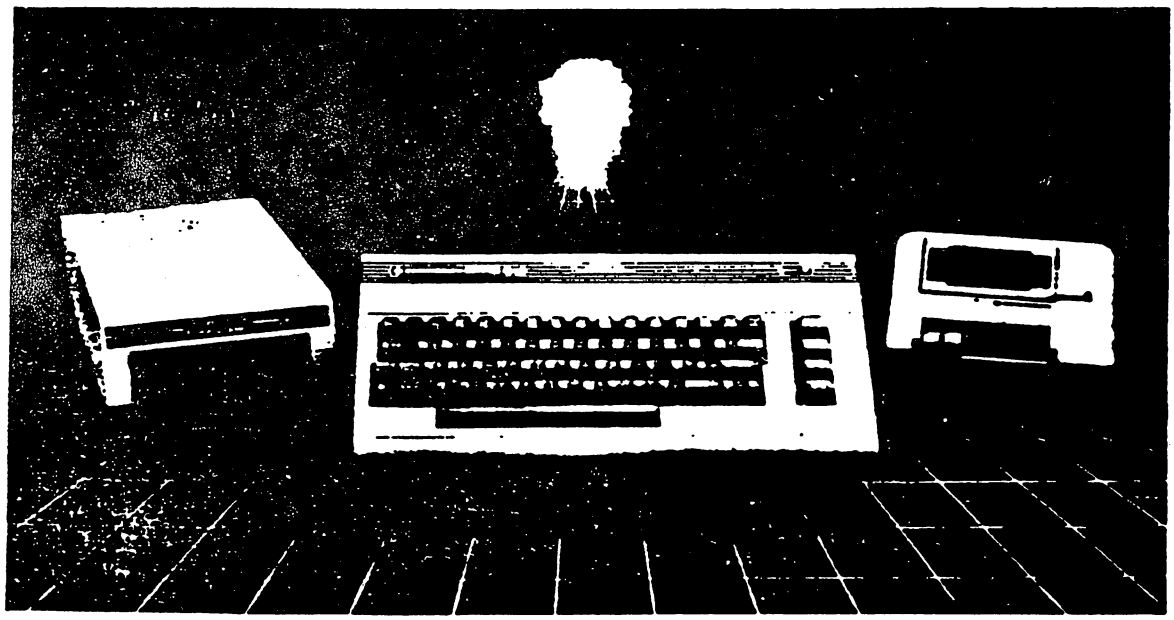
If you read the book and enjoyed it, you'll love the game. If you haven't, you'll still have fun playing it.

Till next month, so long, and don't forget your towel!

C128 $299
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Tips on designing a database

By Don Woodward

What is a database and how can it be used?

Databases have been with us for a long time. A good example of a database is an address book. If your address book looks like mine, it is full of names and addresses of people who have moved or have changed addresses or telephone numbers. There are also stars and marks next to the names you think you should send Christmas cards to.

A computer database can be used to store all the information needed to keep an up-to-date list of all addresses. This is not to say that a database can only be used as an address book. The uses are unlimited.

In order to understand how a database works and how to set one up, let's look at our own GCC membership database and see how it was setup.

Like all areas of technology, there are some basic terms to learn, but they are not complicated to understand. Do you remember the membership application (Fig. 1) that you filled out when you joined the club? The card that you filled out is a record. On the record is the information (data) the club wanted about you (name, address, etc.).

Each one of these lines of information is called a field. The field length is the number of characters in that particular field. A character is one letter, number or space. A social security number would be 11 characters in length (123-45-6789).

All the records together make a file. The size of the file is determined by the number of records. In our club we have aproximately 130 members. You might say that each of you is a record in a file.

Now let's get down to designing a functional database system.

In woodworking, there are certain steps to follow for the completion of a piece of furniture. There are 10 steps to follow in the design of a functinal database. It does not matter if the database program is one that is commercial or one that you design yourself; these steps will ensure a database that will not make you pull your hair out.

Section A

The first section involves pencil and paper. Write down just what you want to do. One of the greatest problems you run into is not planning. My wife needed her library put onto a data base so she could keep track of books she has loaned out and the ones she did not want to keep.

Now it is time to go looking for the database that will fit your needs. Talk to some friends and a "knowledgeable" computer store salesman to see which database program will work for you. There are some

```
        GATEWAY COMPUTER CLUB APPLICATION

NAME:_ _ _ _ _ _ _ _ _ _ _ _ _ _Number_ _ _ _

ADDRESS_ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _

CITY_ _ _ _ _ _ _ _ _ _STATE_ _ _ZIP_ _ _ _ _

   area code
PHONE (  )_ _ _ _ _ _ _DATE_ _ _ _ AMT.PAID $_ _ _
                I OWN
( ) VIC20   ( ) DISK DRIVE    ( ) MODEM
( ) C128    ( ) TAPE DRIVE    ( ) OTHER
( ) C64     ( ) PRINTER

The G.C.C. may publish the above information.

This is a new ( ) Application
    A Renewal ( ) Application
```

Fig. 1

database programs that are meant for only one use, such as a recipe database, and there are some that are easy to learn with few features and some that have a great number of features, but are hard to learn.

Section B

In using a database, one thing is obvious but seldom

Designing a database — cont.

done - read the manual. If you are like me, the first thing you do when you purchase a new program is boot it up and try to run it without any reference to the manual.

A pencil and paper are not out moded articles that should be thrown away when you purchase a computer. It is best to take notes on some of the features and limitations of the database for future reference. If there are any problems that you can not solve on your own, take your notes and the program to the dealer where you purchased it. Until you know how to run through the tutorials without any snags, it is self-defeating to try and design your own database.

Section C

The reports and output that you want is the third step to follow. Most people make a list of the fields that they want in their database and when it comes time to use the database for a report, they find out that they forgot to include all necessary fields or that they have fields that are not necessary.

The club's database is designed just for output of information. There is a difference between output of data and reports. All the data is already in each record in an output and a person only has to pick which files to be used for the output. Most reports require the use of formulas where one of the values has to be calculated by the computer. For example, stock x price = total dollars, where total dollars has to be computed.

Section D

Now it is time to put down the fields that are needed for each report or output. In one column put down the fields you have to put in and in the other column put down the fields that the computer can calculate. Write down all the information the computer would need to make calculations and see if it is in your list. If it isn't you must add a field.

The computed field may not be a field that you would see on the record, but one that is calculated by the computer and only printed out on the report.

Total dollars would be an example of a field that is printed out, but not on a record.



Section E

Once you have the fields that you want, it is time to calculat their length. A field that has a local telephone number or zip code is easy to calculate because each has a specific number of characters. If the field length is too short, then some entries will have to be abreviated. If it is too long, it will waste space. Also be aware of printer limitations, as in mailing labels where no address line can exceed 35 characters.

Section F

It is now time to decide if your fields will be numeric (numbers only) or alphanumeric (contains both numbers and letters). In general a field should be alphanumeric, unless you intend to do math with it. Even though some fields may

(Continued on Page 8)

Designing a database — cont.

only have numbers in them it is best to make them alphanumeric. You would not want your computer to subtract the last four digits of a telephone number from the first three or multiply an area code by the first three digits. Also sorts are much more readable.

Section G

List the fields in a logical order. In an address you would not want the street number to come before the name. One of the ways to help arrange your field titles is to print them on a small piece of paper and place them in different locations on another sheet of paper to see which order is best. When you have them the correct way, then paste the pieces of paper down for future reference when the fields are placed into the computer.

By putting your fields in a logical order it will be easier for you to type in your data when it comes time to use the data base. The computer will not care what order the fields are aligned.

Section H

Section H incorporates what the computer does best, sort data.

Data can be sorted in any number of ways. In an address data base, you could have the computer sort all your records by last name, zip code, or city. There are a large number of possibilities you could use. The computer club's mailing list is an example of a way to sort data. All the members with their dues paid will recieve a newsletter, because the program (Superbase) will sort out all the records with paid dues and print a mailing label from that file. Try to put only the number of sorts necessary for the reports that you want to generate. Too many and you will use up disk space.

On some database programs you have to identify the fields you will be using to sort at the time you design the file and others will let you sort at anytime.

Be sure to leave plenty of space for all your data. If you are sorting by alphabetical order, it would be wise to put part of the alphabet on a single disk, example A-F. In this way you will be sure to have plenty of disk space.

Section I

You may think that now you have everything that you need and are ready to go to the computer. Are you sure the database will do what you need it to do? Now is the time to discuss with someone else what you are trying to accomplish. There is always something you will have overlooked that someone else will see. A little discussion now will save time later.

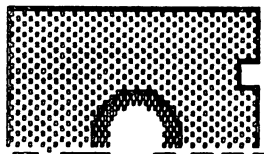
Section J

Finally the big day is here and it is time to set down at the computer and construct your database. After you have set up the database and have some data logged in, go back and try to generate each of the reports or outputs that you wanted. If everything goes correctly then finish putting in the rest of your data. If not, go back and see where something went wrong.

The uses of a database are limitless. With the help of the steps I have mentioned, you should be able to do anthing you want. The time spent planning, using a pencil and paper, will pay off in the long run and your database should run with the precision of a fine clock.

(Note: I wish to thank Rich Fisher for his technical advice.)

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M-F 9-6 SAT 10-4



Secretary's Report

by Patrick Foley

The June 18 meeting was called to order by President Earl Salmons. The treasurer's and secretary's reports were accepted as published in the June Gazette.

Librarian Ken Welker reported that the club has been given 20 disks of public domain programs from member Jim Tomlinson.

Vice president Larry Briggs, also the membership committee chairman, reported that there are now 127 paid members in the club.

Juanita Welker, chairman of Computer Fair '86, announced the theme of the fair this year will "Keys to the Future" and said that a sign-up sheet will be available at each meeting.

It was announced that a gavel has been purchased for the club. It will be used by the president while conducting the regular monthly meetings and will remain the property of the club.

A motion was made to purchase a printer for the editor of the Gazette. A Genie NX-10 and super graphics interface is to be purchased for $303. Motion carried.

A motion was made by Dale Wentz to authorize Bob Suarez to purchase 1,000 more disks. Motion carried.

President Salmons made three appointments to help out several of the officers in carrying out their duties which have been expanded with new programs instituted by the executive board.

Carlos Mariles was appointed assistant to the treasurer, Jim Tomlinson was appointed assistant to the librarian and Everett Truttmann was appointed to the membership committee to help Larry Briggs.

All three appointments are for the remainder of the present executive board's term. None of the three have seats on the board.

Membership Status

The GCC had no new members join in June, but three members did renew their memberships.

All members are reminded that they should feel free to call upon any of the officers or club members at any time with questions concerning the club, its functions or any other matters.

The following members are reminded to renew their memberships by the July meeting to be able to continued participation in the club. They are:

Doug Carey, Martin R. Ladner, Gerald D. Lewallen, Karl Mueller and Frederick Shelton.

All members are reminded that memberships may be renewed at anytime. This extends your membership a full 12 months from your present expiration date, regardless of when you renew.

Don't forget, you must have a valid membership card to vote on all club matters and to participate in the quarterly copy sessions and any other club functions.

10 more needed now to join TPUG

There are now 15 GCC members who have paid their dues to join TPUG, but 10 more are needed for our club to receive the benefits outlined at the June meeting.

At that time, it was reported that if 15 members were to join TPUG, the GCC would receive one free TPUG disk of the month for a year.

After closer scrutiny of the TPUG application at the executive board meeting, it was found that we must have 25 members join to get the free disks. The 15 already signed up will still receive their subscription to TPUG magazine and membership in the largest Commodore users' group in the world, at $10 off the regular membership fee of $25. Anyone wishing to join TPUG and help the GCC acquire free public domain software should contact Bob Suarez.

Classifieds

HARDWARE

ENTIRE C128 SYSTEM. Hardware includes: C128, 1541, NEC color monitor, Gemini 10X, Cardco printer interface, joystick and cooling fan. Plus a great deal of software, including: EasyScript, EasySpell, Assembler, Basic 64, Pascal 64, Datamat 64, LOGO, EasyMail, Electronic checkbook, the CBM screen editor and many games. All for $700. Call 797-1524 after 6 p.m.

MSD SUPER DISK DRIVE, $200. Call E.J. Aufderheide at 397-2041 after 4 p.m.

NEW IN-THE-BOX MSD SD-2 dual drive, $400. Call 632-6545 after 5 p.m.

COMMODORE 64 with power strip and reset switch built-in, a real bargain at $125. 1541 Flash! for $40. Call 235-6858 after 5.

OLIVETTI JET INK PRINTER with graphics driver and CARDCO B interface, like new, 10-months-old, $175. Call 235-4826.

MSD SINGLE DRIVE, $175. Ventel modem, 300-1200 baud, $200. Plus-4 Commodore, $60. Cardco G+ interface, $30. Call Ken Hicks at 337-5653 (Cahokia).

WANTED

1670 MODEM USERS in the GCC. Please call John Tanner at 797-0145.

PRINTER WANTED. Graphics a must. Not looking to pay a fortune, just want something to get started with printing. Call 876-4566 after 5 p.m.

MISCELANEOUS

USED TRUMPET, works good. $35, price negotiable. Call Jerry at 235-6484 or 235-0703.

Random thoughts

By Don Woodward

After taking three months to finilly finish my article on data base construction, I had some left over thoughts that did not fit anywhere in the article.

For all you people who transport your computer from place to place, I have found the perfect case.

At Mostly Closeouts they have a double sided brief case. The top section can hold the computer and the bottom can hold the disk drive. The case would have to be modified a little to hold all the equipment, but the price was only $19.95.

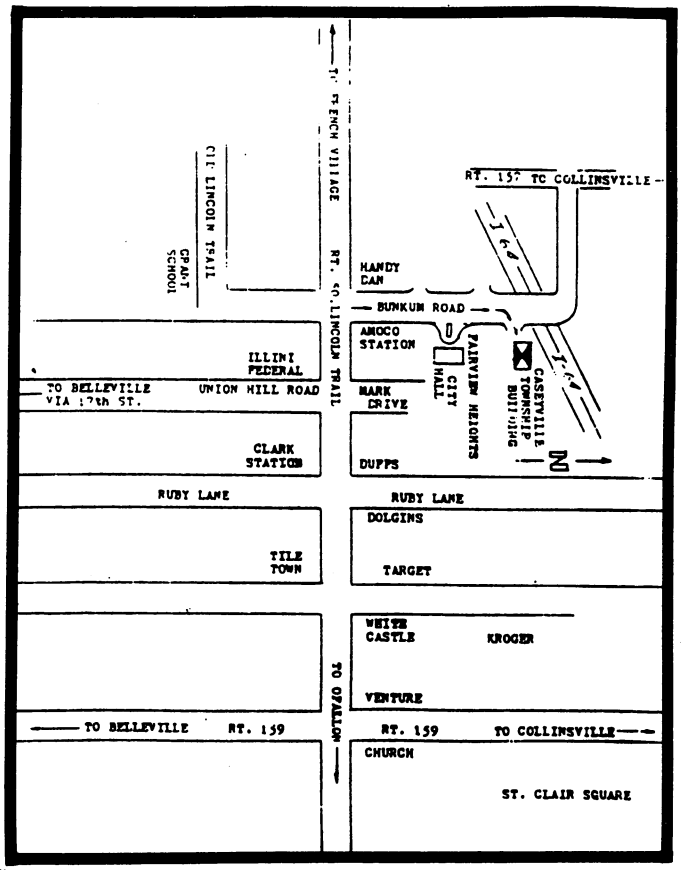
For all you new members who would like to keep your disk drives cool, but do not have $39.95 to spend on a commercial fan, why not dry a cheep blow drier. I bought one for 99 cents that can be modified to use as a fan with little effort.

During the summer months there is a lot of static electricity around the house and as you all know it can kill a computer. I found a static mat at Dolgins for just $9.95 that you can touch just before you use your computer to eliminate static charge build-up. That's a cheap investment to potentially save having to buy a new computer.

Any bad disks?

Any club member who has purchased a bad disk (from the new disks being sold by the club for $6 a box) can return it to Librarian Ken Welker for a new one, no questions asked.

The only restrictions are that it has to be from the new batch of disks just acquired by the club and it can't be notched for use of the back side.



Meetings are held on the third Wednesday of every month at the Caseyville Township Building

G.C.C. Directory

Next Meeting:

July 16 — 7 p.m.

Next Copy Session:

???

Computer Fair '86:

August 23

Next Exec. Bd. Meeting:

August 6 —7 p.m.

GATEWAY COMPUTER CLUB
P.O. Box 1839
Fairview Heights, IL 62208

VOLUME 3 JULY 1986 NUMBER 7

GATEWAY COMPUTER CLUB

GAZETTE

A COMMODORE USERS' GROUP

VOLUME 3 AUGUST 1986 NUMBER 8

'Keys to the Future'

Plans finalized for Fair '86

By Juanita Welker

Don't forget to mark your calendars, if you haven't already, for Aug. 23, the day of our Computer Fair '86.

If you can't stay all day, at least thry to stop by the display area at the front, lower-level entrance to JC Penney during the fair from 10 a.m. to 9 p.m.

Even if you can't bring your equipment, we still need manpower at the fair to talk to the public about computers and our club. And those who do bring their equipment will appreciate getting a break for a while.

"Keys to the Future," the theme of this year's fair, could mean the keys to Home Management, Entertainment, Business Applications and Education.

Lots of help will be needed to show the public how the Commodore computer can help people in their daily lives.

Last year's fair was a big success and this year's can be even better if enough members show up at the Sqaure and participate. It's great fun and you won't be sorry you came.

Those members who have printers that handle graphics should bring their equipment to the August 20 meeting to help make signs and banners for the fair.

So even if you can't possibly attend the fair itself, you still can contribute to the fair and your club by helping out at the August meeting.

See you there!

Gazette to get new look

By Patrick Foley
Editor

This issue of the Gazette is the first one that I'm doing as it's official editor and I hope I'll be able to maintain the standards that have been set during its relatively brief existance. A fresh new look, beginning with the September issue, will be the start of a systematic program to improve the look, and more importantly, the contents of the Gazette.

I have several new ideas for the Gazette, some you will see in the next issue and others will come in the future. As always, your input through articles for publication, suggestions and constructive criticism will be appreciated.

Two copy sessions are set

A centrally-located site for two Saturday copy sessions has been secured for the club by member Gene Busekrus.

The basement of the Belleville Knights of Columbus Hall, 3810 N. Illinois (Illinois 159 between Fariview Heights and Belleville) has been reserved for Sept. 20 and Nov. 22.

One advantage of this location is refeshments and snacks will be available in the hall's bar, making all-day copying possible.

Bulletin

Three "SPECIALS" will be available at the August meeting.

Membership renewals will be just $10, and you can renew for as many years as you wish.

Also, blank disks will be sold for $5 (SS-DD) and $6 (DS-DD)!

And, the D.O.M. will only be $2.

Editor's corner

Beginning with this issue and appearing occasionally, I will be writing this column "The Editor's Corner."

No specific subject will be addressed, rather, it will be used to comment editorially about club matters, provide thought-provoking commentary or even to announce coming events. Whatever is topical for the month it is written.

This month I'd like to briefly mention Computer Fair '86.

The fair is the one function of the GCC where potential members can be easily contacted and told about our club and as the saying goes "The more, the merrier."

It's also the only club function where success is directly dependent on membership participation. Plenty of members find the time to come to copy sessions and club meetings and that's great, but the success of Computer Fair '86 and the GCC really depends on you.

See you at the fair!



Treasurer's Report

by Bob Suarez

This is the Financial Report as of August 1, 1986

Balance July 1, 1986...$1494.21

Income July 1986

Membership	$60.00
Blank disks	90.00
D.O.M. sales	60.00
50/50 raffle	12.00
Soda Sales	7.00
TOTAL INCOME	$229.00

Expenses July 1986

Newsletter & Postage	99.00
Blank disks	463.00
P.O. Box rent	26.50
Printing	9.00
Misc & Supplies	49.00
TOTAL EXPENSES	$646.50

Current Balance.....1076.71

The Club

Membership fee is $15. Members receive access to our programs, literature and monthly newsletter. Direct all membership applications and questions to Larry Briggs, P.O. Box 1839, Fairview Heights, IL 62208.

Only public domain programs are kept in the Gateway Computer Club's library. The copying of copywrited software is not promoted nor condoned by the GCC and will not be tolerated at club functions.

The Officers

PRESIDENT:	Earl Salmons	397-5029
VICE PRES:	Larry Briggs	345-0220
SECRETARY:	Dale Wentz	632-6545
TREASURER:	Bob Suarez	277-8057
LIBRARIAN:	Ken Welker	234-5901
EDITOR:	Patrick Foley	876-4566
M.A.L.:	Joel Hillyard	282-3758
M.A.L.:	Jim Wright	233-1198

The Gazette

The GAZETTE is published monthly by the GATEWAY COMPUTER CLUB and is a membership service. Please direct all submissions and advertising to Patrick Foley, 917 Washington Ave., Madison, IL 62060.

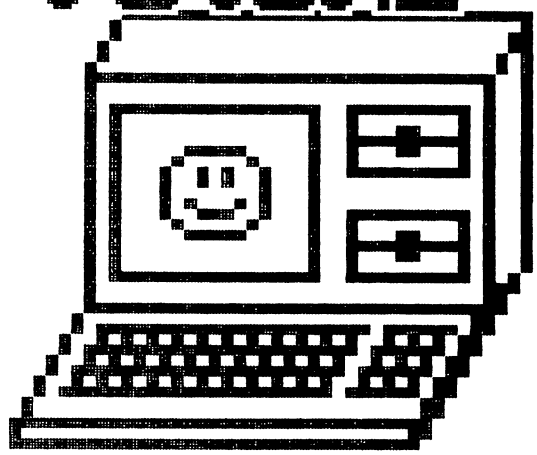
Camera-ready advertising must be received by the the first of the month to be included in the issue of that month. Rates are as follows: Full Page-$30; Half Page-$15, and Quarter Page-$7.50.

Contents of the GAZETTE may be reprinted by club newsletters and other non-profit publications, if accompanied by the author's name and credit is given to the GATEWAY COMPUTER CLUB. The GAZETTE must receive a copy of any publication containing reprints. The GAZETTE assumes no liability for errors in articles or advertisements.

COMPUTER FAIR '86

"KEYS TO THE FUTURE"

SAT. AUG. 23



10 AM TO 9 PM

ST. CLAIR SQUARE

SEE YOU THERE!!!

View From The Top

by President Earl Salmons

"KEYS TO THE FUTURE," as you probably already know, is the theme of Computer Fair '86.

We are talking computer keys, and you will have a chance to show how these keys, like the other keys, can open doors to a whole new world.

We will need people to demonstrate all types of programs to the public, and show them how easy it is to operate a computer.

Whatever you do you will be needed at the computer fair. The fair is set for August 23 from 10 a.m. to 9 p.m. at St. Clair Square. We'll be in front of the JC Penney store on the lower level for higgh visibility.

You can come for a couple of hours or stay all day. The main thing is to BE THERE!

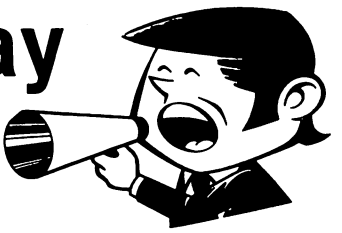
If you look at the officers list on Page 2 this month, you will see some changes. Because of conflicts of intrests by some board members, they felt they could not do their job for the club the way it should be done.

Patrick Foley, who in the past has been doing two jobs, was elected editor of the Gazette. Pat works for a newspaper and knows all the ins and outs of how to get a good-looking paper out.

This left the job of secretary open, and Dale Wentz, who is a good man to have around, was elected to that post. Jim Wright replaced Bill Broda as Member-At-Large on the GCC executive board. Bill, a school teacher, has classes on Wednesday nights and cannot attend meetings regularly so he stepped down from the board seat to make way for someone else to help the club. But Bill is still a member and will be back with us as soon as possible.

So everything is screwed down tight and we will go upward and forward from here.

Gateway Gossip



GG--There won't be any rewards as such for bringing your equipment, especially your printers, to the August meeting to help with the preparations for Computer Fair '86, but there will be plenty of "thanks" for everyone who does help in any way!!!

GG--Impromptu copy sessions at a local coffee shop (that will remain nameless) are becoming more regular than the club's, but you'd have to talk with Bob S. and Wally M. about that!!!

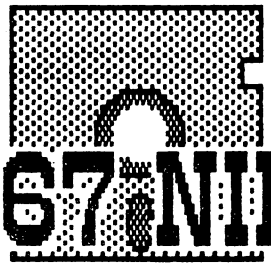
GG--There was talk of a kissing booth for the Computer Fair to attract people to our area in the Square, but who'd want to kiss an old cuss like Earl S.?!!!

GG--The membership committee is always looking for ways to increase the number of members in the club and to keep the members we have, but Pat F. hopes that rumors about free rides to meetings and functions aren't true because the committee members don't drive buses and something about a red van was heard again!!!

GG--The new editor of the GCC newsletter has taken over, so look for new features, columns and other surprises in upcoming issues of the Gazette, if that's still it's name next month!!!

GG--By the way, the new editor was over heard talking about changing the way the Gazette is put together. Something about starting at the back and going to front, because he's left handed!!!

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SOFTWARE AND ACCESSORIES FOR COMMODORE 64/128 AND NOW EPSON PRINTERS

M-F 9-6 SAT 10-4

The Review Vault

by Vince Foley

This month the review vault has been opened and THE TEMPLE OF APSHAI TRILOGY has been released.

THE TEMPLE OF APSHAI TRILOGY was designed by Stephen Landrum and written by Michael Kosaka and is marketed by EPYX.

The T.A.T. is an expanded and improved version of the popular game Temple of Apshai. T.A.T., however, is everything that the original game should have been.

The Combination

```
                          1
                1   5     0
Originality....$$
Excitement.....$$$$$$
Shelf-life.....$$$$$$
Challenge......$$$$$$$$
Graphics.......$$$$$$$
Value..........$$$$$$$$
```

The graphics are greatly improved and a background "soundtrack" has been added. The controls are the same as in the old version and the movement of the monsters as well as your characters, though still needing work, have also been improved.

The authors have greatly expanded the Apshai universe. Where there once was only the Temple of Apshai, there is now the Temple of Ra, a section of upper levels for the Temple of Apshai, and the original Temple.

The T.A.T. should provide great pleasure and hours of fun for any who enjoyed the original Temple, as well as a unexpected suprise for those who didn't.

Well, it looks like its time to seal the vault, so until next month, so long.

Scott Harter wins July game tourney

By Juanita Welker

July's tournament game winner was Scott Harter who scored 24,650 playing Zaxxon. Congratulations Scott!!

Also participating were Tony Vago, Eric Frost and Daniel Westlund.

The following winners: John Vago, Scott Harter, Chris Greer, and Jim Border should be at Computer Fair '86 at 5 p.m. sharp at St. Clair Square. These four will compete in the playoffs and final matchup that will culminate the GCC games tournament.

The winner of the tournament will win two tickets to Six Flags Over Mid-America.

A BIG thanks to all the members who took part in the tournament and good luck to the four finalists on Aug. 23.

SEE YOUR AD HERE

Reach Computer Users Every Month

FULL PAGE — $30

HALF PAGE — $15

QUARTER PAGE — $7.50

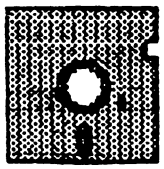
Gateway Computer Club GAZETTE

NEW

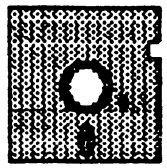
STAR NL-10 $269.95
COMM. INTERFACE $50.

C-128 $269.95

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FAIRVIEW HTS., IL
(618) 624-2211



D. O. M.



by Ken Welker

DISKTRACKER
LIGHTINING SORT
DT.ML
RTL-64 - Load"DISCKTRACKER",8,1

This is an excellent disk catalog and disk organizer program. In addition to being a disk cataloger, this program contains disk edit functions such as format, validate, scratch files, rename files and copy files. This program will read a disk directory, load-sort-add-edit and save files, it will print to screen or printer. It will print to almost all printers three columns wide in regular or compressed mode and five columns wide in compressed mode.

DISKTRACKER DOX- Read with Easyscript or any other file reader program. This is detailed instructions for using DISKTRACKER.

LIBRARY V3.2 - This program will be very usfull to modem users. It will take several files and/or programs and create one large file. This is great when you want to send a bunch of programs from one computer to another via modems. Instead of having to spend a lot of time sending one program or file at a time, you can send everything at once. Then after the other person receives the LIBRARY file, they can "dissolve" the combined file into its original form of several smaller files or programs.

LIBRY.DOC - Read with Easyscript or any othe file reader program. This is detailed instructions for using LIBRARY.

RIBIT.SPEEDBOOT
RIBIT.MAKER
RIBIT.ML
RIBIT BBS V4.1A -
Load"RIBIT.SPEEDBOOT",8,1 - This is a complete, easy to use, bulletin board that you can setup and run on your own computer. It will work with one to four disk drives. This program is mostly menu driven, however, RIBIT.DOC V4 will give you detailed instructions for setting up, running, and maintaining your BBS.

GCC DRAW - This program was writen by our club NEWS EDITOR Patrick Foley and his nephew Vince Foley who's also a member of GCC, and

is the program used to pick the attendance prize winners at club meetings.

GUESS THE NUMBER - A game by Patrick Foley. Try to guess the random number the computer picks in as few picks as ppossible.

Bonus 128 Disk of the Month

By Jim Tomlinson

For those who have never worked with CP/M before, further explanation on running the CP/M programs may be necessary.

All programs are typed in minus the ".COM" extension. Some of them have their own help menus built in. For instance, if you run IMPPC128 and enter a "?" at the COMMAND>> prompt, it will give you several pages of help screens. Others may require arguments to be added after the program name. I.E.:VDE13 MY.DOC.

Let's look closer at this month's CP/M DOM:

IMPPC128 may be entered just like that. This program works very well with the 1670 and Hayes compatables. There are several phone numbers in an internal phone directory that provides single-key dialing.

I2LIB is a phonebook update program entered as:

(Continued on Page 9)

Bonus 128 D.O.M. — cont.

I2LIB IMPPC128.COM

This is probably the easiest method of updating the phonebook available.

VDE13 may be entered with or without an extension as it will prompt you for a filename. This is a full-screen editor and to find out more about this program enter:

VDE13 VDE13.DOC

NEWSYS is entered with the additional argument "C" and there are several preparations you must make before you run it. First...

Format a new disk under CP/M.
Copy NEWSYS.COM to that disk.
Copy CCP.COM and CPM+.SYS from your SYSTEM disk to that disk.
ENTER: NEWSYS C

and a new 4DEC85 release will be created from your old NOV85 release. This will allow you to use the modem (FINALLY!).

MFT is a multiple file transfer program that cuts down on the number of disk swaps that are necessary. Typing in just MFT will bring up an example of how to properly copy files with MFT.

CONFIG will allow you to set up a sequence of searches along the disk drive chain or turn off the 40 column screen to make system run faster. Entering just CONFIG will bring up an example of options.

C1571 turns off write verify on the 1571 drive which speeds up disk I/O considerably. I must say though that this may be risky for important data! If you want to turn off write verify on drive 8; enter:

C1571 [A

CP/M explained for beginners

By Jim Tomlinson

It was one of the first operating systems for micros and yet we know little about it.

It is CP/M.

For those of us who are used to the Commodore 64 and 128 load and run routine, CP/M is a refreshing and different style of running a program.

Although this article is oriented more toward the 128 owner, it also is for those who still have a 64 and purchased the CP/M cart.

The CP/M system commands are ever expanding. This is due to the fact that every program written for CP/M is executed like a command. There is no built-in basic under CP/M, which is both bad and good.

There are several basic interpreters and compilers available in the public domain for CP/M, and many are much better than v2.0 on the 64.

When you want to execute a program, you simply type in the name minus the .com extension. Some of the programs require you to input extra commands at the tail of the program name. The PIP command is an excellent example of this.

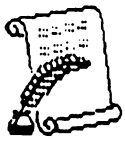
For example(PIP e:=a:*.*) says to copy all files from drive A to drive E (the shadow drive). Right now, you might ask yourself: What is a shadow drive? It is actually a part of RAM set aside to copy into for those of us without the luxury of two drives. By the way, drive 8 is A under CP/M; drive 9 is B, etc.

There are some commands that you don't need a .COM file for. These are built in to the system. An example of this is TYPE which will display a file on the screen.

Many useful control sequences are also built into CP/M. For example the sequence ctrl-p will send all screen output also to the printer. A ctrl-x deletes a whole line in one keystroke.

Probably the most useful feature of CP/M is the submit command. It allows you to set up a file to autoboot your favorite program on power up under CP/M. Just put your favorite program on a bootable disk with SUBMIT.COM and a profile.sub file on your disk and it will bring up your program.

There is much more to CP/M, but that would take up more space than I have here. In the future I will explore other facets of this "new" system for us Commodore computer users.



Secretary's Report

by Patrick Foley

The July 16 meeting was called to order by President Earl Salmons with 41 members present.

The treasurer's and secretary's reports were accepted as published in the July Gazette.

Vice president Larry Briggs, who is also membership chairman, reported that one new member joined the GCC in July and several renewals of memberships had been received since the last meeting.

Juanita Welker, chairman of Computer Fair '86, reminded the members present about the hours of the fair at St. Clair Square, set for 10 a.m. to 9 p.m. on Saturday, Aug. 23. She also asked members to sign up to work at the fair and reminded them to bring their equipment, especially their printers, to the August 20 meeting. Banners, signs and activity markers will be made at the meeting.

It was announced by President Salmons that a site has been secured for two Saturday copy sessions set for Sept. 20 and Nov. 22. The sessions will be at the Belleville Knights of Columbus Hall, 3810 N. Illinois. Member Gene Busekrus was responsible for linng up the hall for the club.

A special election was held to fill the vacancies created bythe resignation of several board members. Member-at-large Bill Broda resigned his seat on the executive board due to a conflict on Wednesday nights. Former Gazette Editor Jim Wright was elected to that position.

Dale Wentz was elected to the post of secretary vacated by Patrick Foley, who was elected to fill the editor's post. All three were elected by acclamation since no other candidates were nominated.

It was announced that there will be two D.O.M.s in August. A special disk for 128ers will be offered in addition to the regular D.O.M.

Membership Status

The GCC had one new member join in July. Marc Fussell has joing the ranks of Commodore computer users.

All members are reminded that they should feel free to call upon any of the officers or club members at any time with questions concerning the club, its functions or any other matters.

The following members are reminded to renew their memberships in August to be able to continued participation in the club. They are:

Bob Arndt, Fred Breiding, Ben Corkran, Bill Eardley, Richard Fisher, Vincent Foley, Craig Hall and Fred Krems.

Also, Ken Kronenberger, Gary Kuhn, Vince Le Pes, Dennis McBride, Tom Metzger, John Sundstrom, Mike Taphorn, Ken Welker and Don Woodward.

You could have won

It does pay to attend the monthly meetings of the GCC and the following people were presented with attendance prizes and D.O.M.s at the July meeting.

John Barrett won a six-inch, two-speed fan when his number was the first one selected by the random membership number program used to draw the winners each month.

Arthur Koenig won a box of 10 disks when his number was picked after eight "no-shows" were picked. They were, in order of selection, Dale Goldsmith, Rich Fisher, Joe Serra, Bob Arndt, Linda Beutel, Gene Busekrus (he left early), Robert Kirkham and Tom Welker.

Rita Vago won a GCC D.O.M., but not before six others not present were picked. They were Lee Lulue, Larry Cullen, Rich Fisher (AGAIN), Mike Hubbs, Ken Artinger and Arthur Tomlin Jr.

So you see, being a member of the GCC, especially one who goes to meetings, does pay.

Classifieds

WANTED

1541 DISK DRIVE for C-64. Call George at 344 3311.

1670 MODEM USERS in the GCC. Please call John Tanner at 797-0145.

WORKERS NEEDED for GCC Computer Fair '86. The more the merrier so donate an hour or two or three and help make this the best Fair ever. Contact chairperson Juanita Welker or any officer to volunteer your services.

HARDWARE

FOR SALE OR TRADE. Navaron Cartridge Expander for C-64. Brand new, value $29.95. Will trade for software. Also will trade original software no longer needed for productivity programs. Call George at 344-3311.

ENTIRE C-128 SYSTEM. Hardware includes: C128, 1541, NEC color monitor, Gemini 10X, Cardco printer interface, joystick and cooling fan. Plus a great deal of software, including: EasyScript, EasySpell, Assembler, Basic 64, Pascal 64, Datamat 64, LOGO, EasyMail, Electronic checkbook, the CBM screen editor and many games. All for $700. Call 797-1524 after 6 p.m.

NEW IN-THE-BOX MSD SD-2 dual drive, $400. Call 632-6545 after 5 p.m.

COMMODORE 64 with power strip and reset switch built-in, a real bargain at $125. 1541 Flash! for $40. Call 235-6858 after 5.

OLIVETTI JET INK PRINTER with graphics driver and CARDCO B interface, like new, 10-months-old, $175. Call 235-4826.

MSD SINGLE DRIVE, $175. Ventel modem, 300-1200 baud, $200. Plus-4 Commodore, $60. Cardco G+ interface, $30. Call Ken Hicks at 337-5653 (Cahokia).

RESPECT Copywrite laws

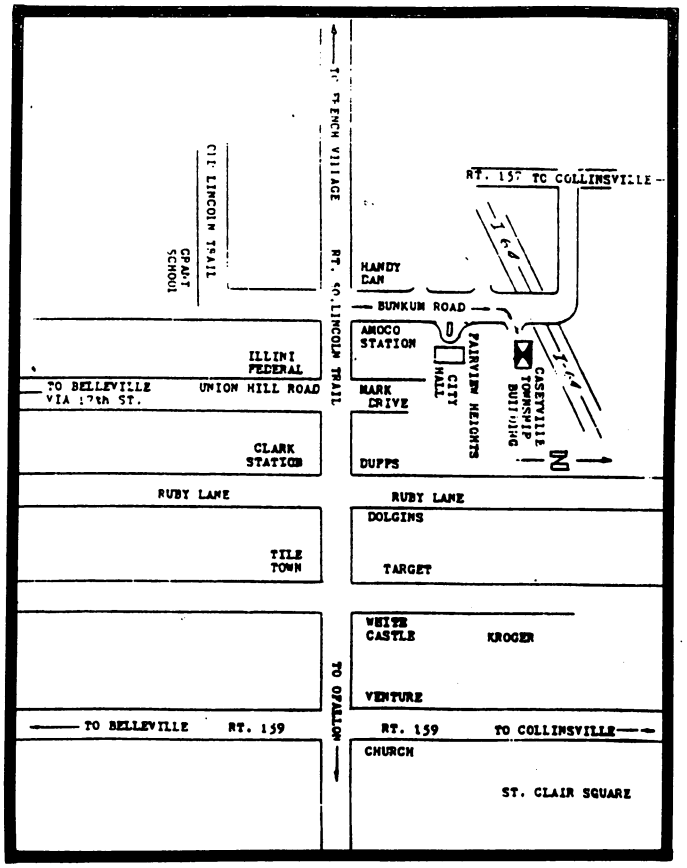


a message from the Gateway Computer Club

Any bad disks?

Any club member who has purchased a bad disk (from the new disks being sold by the club for $6 a box) can return it to Librarian Ken Welker for a new one, no questions asked.

The only restrictions are that it has to be from the new batch of disks just acquired by the club and it can't be notched for use of the back side.



Meetings are held on the third Wednesday of every month at the Caseyville Township Building

G.C.C. Directory

Next Meeting:
August 20 — 7 p.m.

Next Copy Session:
Sept. 20 — 10 a.m. to 3 p.m.

Computer Fair '86:
August 23

Next Exec. Bd. Meeting:
August 27 — 7 p.m.

GATEWAY COMPUTER CLUB
P.O. Box 1839
Fairview Heights, IL 62208

VOLUME 3 AUGUST 1986 NUMBER 8

Gateway Computer Club

GAZETTE

A COMMODORE USERS GROUP

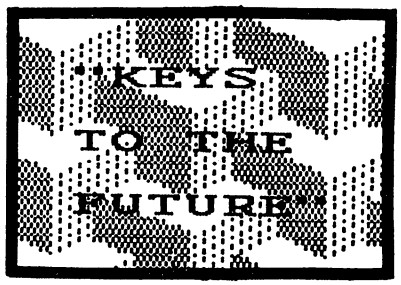
VOLUME 3 SEPTEMBER 1986 NUMBER 9

Computer Fair '86 is best ever

Computer Fair '86 was an obvious success to the members who participated in the fourth annual event at St. Clair Square.

It won't be known until at least the September meeting just how many new members might join our club as a result of the fair, but those who were there are optimistic. Some estimates are as high as 15.

"We had a great fair this year," GCC President Earl Salmons said, "and we are looking forward to seeing a lot of new faces at the next few meetings as a direct result of it."



Some of the people, upon learning about the GCC, wanted to join right on the spot.

As a result of the success of Computer Fair '86, the possibility of a mini fair just after the Christmas season is being discussed by the executive board. We'll keep you posted on any further developments.

Free disks for Gazette articles

To help fill the pages of the Gazette, anyone submitting an article which is published in our newsletter will receive a free disk and their choice of a side of programs from the GCC library.

We're not looking for Pulitzer Prize winning stuff, just short articles about hardware or software you've come across, short utility programs to help us all or anything else you would like to share with the club.

See editor Patrick Foley at the September meeting for more information.

Renew for $10 at Sept. meeting

You can still renew your membership for a full year for only $10. Either come to the September meeting (you won't be sorry you did) or mail your renewal fee to membership committee chairman Larry Briggs, in care of the GCC.

You can "re-up" for as many years as you wish for just $10 a year, but hurry, the $10 offer is only good to the end of the September 17 meeting. Then the fee will return to $15.

What a deal!

C-128 top prize for Dec. raffle

To spice up the annual Christmas party and make someone even more happy for the holiday season, the GCC will again sponsor a raffle for a C-128.

Tickets will be $1 each or $5 for 6 and may be purchased by persons outside the GCC. Also, in case the lucky winner isn't a computer person, an alternate first prize of a $500 U.S. Savings Bond is being offered.

Tickets will be available at the September 17 meeting and the drawing will be at the Christmas party on Dec. 17.

Good luck!

The Editor's Corner

by Patrick Foley

Computer Fair '86 has come and gone and boy was it GREAT!

More members participated than ever before and prospective members flocked to our area in St. Clair Square, some with money in hand to join the club on the spot.

Lots of Commodore users are out there and the fair is the perfect way to let our club be known.

Those who particpated had a great time, those who didn't show up will never know what they missed.

Look for lots of new faces at the September meeting as a result of Computer Fair '86.

Treasurer's Report

by Bob Suarez

This is the Financial Report as of Sept. 1, 1986

Balance Aug. 1, 1986	$1494.21
Income-August 1986	
Membership	$330.00
Blank disks	295.00
D.O.M. sales	58.00
50/50 raffle	12.00
Soda Sales	8.25
Advertising	120.00
TOTAL INCOME	$823.25
Expenses-August 1986	
Newsletter & Postage	99.00
Blank disks	237.88
Misc & Supplies	25.97
TOTAL EXPENSES	$362.85
Current Balance	1537.11

The Club

The Gateway Computer Club is a not-for-profit organization of like-minded Commodore computer users.

Membership fee is $15 per year. Members receive access to the club's library, educational programs, literature and monthly "Gazette." Direct all membership applications and questions to Larry Briggs, c/o P.O. Box 1839, Fairview Heights, IL 62208.

The Officers

PRESIDENT:	Earl Salmons	397-5029
VICE PRES:	Larry Briggs	345-0220
SECRETARY:	Dale Wentz	632-6545
TREASURER:	Bob Suarez	277-8057
LIBRARIAN:	Ken Welker	234-5901
EDITOR:	Patrick Foley	876-4566
M.A.L.:	Joel Hillyard	282-3758
M.A.L.:	Jim Wright	233-1198

The Gazette

Editor: Patrick Foley

The GAZETTE is published monthly by the GATEWAY COMPUTER CLUB and is a membership service.

Please direct all articles and advertising to Patrick Foley, 917 Washington Ave., Madison, IL 62060.

Camera-ready advertising must be received by the the first of the month to be included in the issue of that month. Rates are as follows: Full Page-$30; Half Page-$15, and 1/4 Page-$7.50.

Contents of the GAZETTE may be reprinted by club newsletters and other non-profit publications, if accompanied by the author's name and credit is given to the GATEWAY COMPUTER CLUB. The GAZETTE must receive a copy of any publication containing reprints. The G.C.C. assumes no liability for errors in articles or advertisements.

Participants do excellent job

By Juanita Welker
Fair '86 chairperson

Computer Fair '86, "Keys To The Future," at St. Clair Square was a great success. As a result, we have a lot of new and prospective members.

Our congratulations go to John Vago winner of our games tournament. He, Chris Greer and Scott Harter played "Space Taxi" with John scoring the highest point total.

We had, I believe, one of the largest turnouts by club members to help with the fair. My thanks to the following people who either had equipment there or just spent time with us at the fair:

Vice president Larry Briggs, Mark Bye, Gazette editor Patrick Foley, Vince Foley, Kay, Chris and James Greer, Scott and Tim Harter, GCC board member Joel Hillyard, Art Koenig, Don Koenig and Carlos Mariles.

Also President Earl Salmons, George Skiddis Jr., Treasurer Bob Suarez, Everett Truttmann, John Vago and GCC board member Jim Wright.

I'd like to especially thank my husband, Ken Welker, librarian of the club, for all he did to help me with the Fair in addition to his library duties.

I would also like to thank those members that made banners and signs at the August meeting. They looked great hanging from the tables.

We created a lot of interest with the various projects going on at the tables. "Wanted" posters and GCC calenders were handed out to interested people and we had music and games demonstrations throughout the day.

We also had a typewriter interfaced with a Commodore which interested a number of people.

I had a good time working on this project and again, thanks to everyone for the support given to make it the success that it was.

Personalized default screen for C-64 to be displayed



Tired of seeing the same old blue on blue and how many bytes you have available when you power up your C-64, well take notice.

Jim Wright, a member-at-large on the GCC executive board, is scheduled to have a C-64 with a personalized default screen built-in at the next meeting.

With some special equipment, an EPROM (that's Erasable Programmable Read Only Memory) IC chip, and a C-64, the default screen can be made to power up with the colors of your choice and title lines using your name, the Gateway Computer Club, or anything else you want your default screen to say.

If all goes well and there is interest for a personalized default screen by C-64 users, such an EPROM might be offered. Those wanting one would have to pay for the EPROM chip though, but the cost would probably not be more than $5. If your C-64 has socketed chips, changing from the old to the new should be a snap.

Also, the possibility of doing a similar change to C-128s is likely for those who don't like the green on green default screen on their monitors.

GCC CompuTips

Here's some POKEs that might come in handy while writing programs in BASIC on the C-64:

POKE 199,1	=reverse on
POKE 199,0	=reverse off
POKE 650,128	=enable repeat on ALL keys
POKE 650,127	=disable repeat on All keys
POKE 650,0	=Normal, space-bar, cursor keys, and inst/del keys ONLY repeat

View From The Top

by President Earl Salmons

Well, another computer fair has come and gone. I want to thank all the members who showed up with their equipment and helped make this the best fair we have ever put together.

Juanita Welker did one whale of a job running the fair and the computer games contest. I cannot thank her enough.

Several things made this fair great. One was membership participation. We have never had so many members with their equipment at a fair before, and most stayed all day. Everyone had a good time. Some members made banners and posters the night of the last meeting and this got even more people involved.

For two years we have tried to have a game contest with the playoffs at the fair. This year we did it.

What made this year's fair such a success, and the purpose of the fair, is the number of prospective members that were contacted. Some had their money out and wanted to join, but Mall rules would not allow us to take any money. The membership committee will see to it that these people get mailings with information, and everything they need to join.

The year is getting short, and looking ahead we see...

--Sept. 20-Copy session at K of C Hall, Belleville(Swansea).

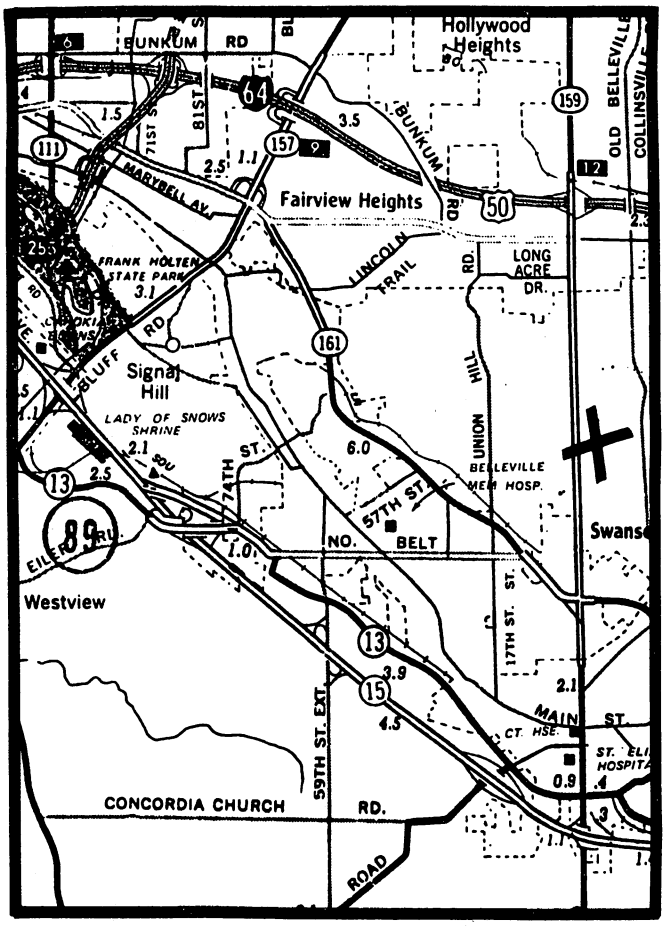
--Oct.-I will be looking for a Christmas party committee.

--Nov.-Nominations will be underway for all club offices.

--Nov. 22-Last copy session of the year.

--Dec. 17-Christmas party at the regular meeting. More nominations will be accepted.

--Jan.-Election of officers for 1987.



Copy session set

If you haven't already heard or read about it, there's going to be a copy sesssion on Saturday, Sept. 20, at the Belleville Knights of Columbus Hall, 3810 N. Illinois (Illinois 159).

The hall is located between Fariview Heights and Belleville about 2.7 miles south of the Illinois 50-159 intersection by St. Clair Square.

The session will begin at 10 a.m. and continue through 3 p.m.

It will be in the basement of the KofC, which, if there is a big turnout of members, might be too small. So executive board members are working to move the session into a ground-level room that would better suit our members and their equipment.

Something more definite on this should be known by the Sept. 17 meeting.

Above is a map to the KofC hall that is marked with an "X."

Refreshments will be available at the hall.

C128 $299
C64 $167
C1571 $299
C1541 $200
C1902 $299

Limited number of 12" composite color monitors.
ONLY $149 while supplies last!



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In more homes than any other home computer.

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MON. - FRI 9 TO 7
SATURDAY 9 TO 5

We are looking for a limited number of working VIC20 computers.
$40.00 will be paid for each working unit. Limited time offer!!!!



Secretary's Report

The August meeting of the GCC was called to order by President Earl Salmons with 44 members present.

The treasurer's and secretary's report were accepted as published in the August Gazette.

It was announced by Salmons that the GCC disks of the month are now going to be sold for just $2, a $1 savings, and SS-DD disks are now $5 for 10 and DS-DD are now available for $6 a box.

Larry Briggs, vice president and chairman of the membership committee, reported that two new members had joined prior to the meeting and that 16 renewals had been made, five for multiple years under the $10-per-year special being offered through the September meeting.

Juanita Welker, chairperson of Computer Fair '86, reminded games winners of the 5 p.m. playoffs at the fair for two tickets to Six Flags. She also said she would be contacting those signed up to verify the times they would be at the fair.

Salmons reminded the members of the $10 renewal special and said that the membership fee could be permanently set at that amount as the Gazette gets closer to breaking even, easing the strain on the club treasury.

The Magical Connection BBS, operated by GCC member Marc Fussell of Granite City was announced as being on line for members as was the new S.O.S. BBS run by immediate past GCC president Vince LePes. Both are free to GCC members.

The membership unanimously voted to allow executive board members to get a free D.O.M. each month for exchange of a blank disk to the library.

More members are being sought to join TPUG and a final decision on this endeavor will be made at the September meeting.

New members

Four Commodore computer enthusiasts joined the GCC in August. They are Wayne Lininger of Lebanon, George Skidis of Fairview Heights and Michael Meinardi and Keith Painter, both of Belleville.

All members are reminded that they should feel free to call upon any of the officers or club members at any time with questions concerning the club, its functions or any other questions about computing.

The following members are reminded to renew their memberships by the September meeting to be able to continued participation in the club. They are:

Richard Michalski, Steve Phipps, Ruth Shaw and Jeff Wrigley.

Membership renewals are positive sign for Gateway

Renewals at the August meeting were at record numbers, the result of the $10-a-year special, it was reported at the executive board meeting August 27 by Larry Briggs, membership committee chairman.

But despite the special offer, the high number of membership renewals is a very positive indication of the direction the GCC is going - onward and upward.

Briggs said that 22 renewed their memberships in August, including eight members whose membership renewals were due that month. Most of these eight are charter members of the GCC, a very good sign that the club still has something to offer even these "experts" with Commodores.

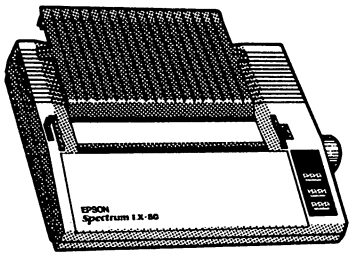
Of the 22, five members renewed for two years each and one member renewed his membership for three years.

All indications are that the GCC is alive and well.

THE COMPUTER SOFTWARE STORE
1367 NIEDRINGHAUS
GRANITE CITY, IL 62040
(618) 876-2155

SEPTEMBER SPECIAL

EPSON LX-80



PRINTER
NOW ONLY
???

STOP BY AND FIND OUT

D. O. M.

by Ken Welker

PS/PM/NR V1.2

This program converts graphics for PrintShop so they will run with PrintMaster, or News Room. It also will convert PrintMaster to PrintShop or News Room, or News Room to PrintShop, or PrintMaster. This program will let you use the graphics that you like the most with the program that you like the most. This program also has the instructions for using it built in.

THE PYRAMID

See how many levels of the Pyramid you can get through before you are destroyed. Use Joystick in port #2.

NORAD

Pit your wits against the computer and see if you can get into the NORAD computer to the top secret level. This program simulates getting into a U.S. Government main frame computer.

TINY PILOT

Pilot 64, From the Commodore Educational Series. A programing language for small children.

LIB/DSK/LBLR

This program will make customized labels for all of the disks in your library.

The Following programs are graphics for PrintShop. You can use the first program on this disk to convert them to run with PrintMaster or News Room:

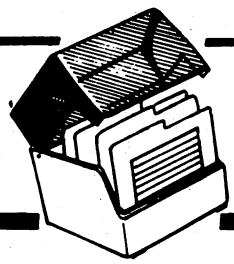
GARFIELD - WINTER - OPUS at MOVIES - SPACE SHUTTLE - SHROOMS - SUMMER - SERENITY - CCC LOGO - COMPUTER KILLER - ACE SNOOPY - WOODSTOCK WALK - DANCING SNOOPY - COMPUTERIST - THE ORIENT - TENNIS MENACE - LOVE BOAT - REFLECTIONS - GRIMM - ELEPHANT FACE - SEASHELL - CIRCUS ELEPHANT - EASTER BUNNY - SNOOKIE BIRD.

Attendance pays off

It really does pay to go to the regular monthly meetings of the GCC.

Once again, during the drawing for attendance prizes at the last meeting, several members could have won, but weren't present.

During the drawing for a sharp looking, lockable disk caddy,



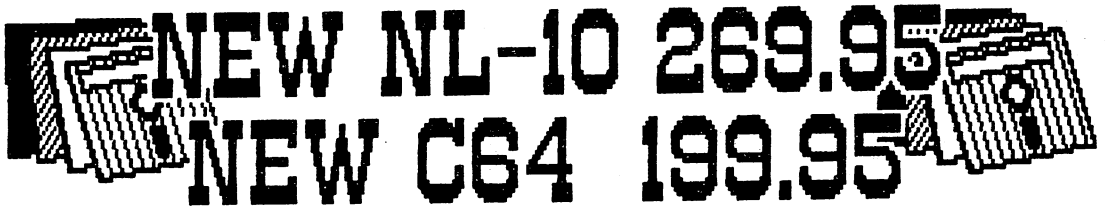
both Mark Feltman and Roger Wittmann could have been the winner, but their's and additional membership numbers had to be selected before Gazette editor Patrick Foley won the top prize. Seven other numbers also selected are no longer in use since some members have dropped from the GCC.

It didn't take long, though, for the second prize, a free D.O.M. of the winner's choice, to be given away.

John Sundstrom, No. 11 (you can tell he's been in the club for a while), won the D.O.M. with the first random draw of a membership number.

Congratulations to the two winners who were at the August meeting.

So, you see, it really does pay to go to the regular monthly meetings.


NEW NL-10 269.95
NEW C64 199.95
NEW 1541C 209.95
NEW 1802 219.95

BULK DISK
DS/DD .59 EA
OFFER ENDS 9/30/86

SOFTWARE
OR SYSTEMS (SOS)
5900 N. ILLINOIS
FAIRVIEW HGTS., IL
(618) 624-2211

Program REMinders

Programs scheduled for the September meeting include a beginner's look at the spreadsheet program "Multiplan," and a demonstration of a light pen.

GCC Librarian Ken Welker will highlight the uses and operation of Multiplan for those not familiar with its many uses and flexibility.

A light pen, used for creating art by direct manipulation of the monitor screen, will be demonstrated by Vince LePes, owner of Software Or Systems and immediate past president of the GCC.

Members who are now using "Doodle" or other art programs requiring joysticks or cursor keys, will be shown another way of designing screens using the more direct method of drawing on the screen of a monitor.

Looking ahead to the October and November meetings, Vice president Larry Briggs will give a two-part program on "Beginning BASIC." Even for those who are already programming in BASIC, this program could answer the questions you still might have on various operations.

For the parents or grandparents of preschoolers, Gazette editor Patrick Foley will demonstrate the Muppet Learning Keys by Koala. The Learning Keys is a user-friendly keyboard for young computer enthusiasts that plugs into the joystick port of a C-64 or C-128. This demonstration will take place at the October meeting.

```
 10 ***REM PROGRAMS FOR SEPT. **
 20 ***REM WILL INCLUDE DEMOS **
 30 ***REM OF MULTIPLAN AND ****
 40 ***REM AND A LIGHTPEN. *****
 50 ***REM A TWO-PART PROGRAM **
 60 ***REM ON BEGINNING BASIC **
 70 ***REM WILL BE IN OCTOBER **
 80 ***REM AND NOVEMBER AND A **
 90 ***REM DEMO OF THE MUPPET **
100 ***REM LEARNING KEYS HAS ***
110 ***REM ALSO BEEN SCHEDULED.*
120 END
```

Visit one of our
Advertisers
You'll be glad you did!

Two new BBSs now on line for GCC members

Not one, but two BBSs (bulletin boards for you novices) are now available to GCC members free of charge and 24 hours a day.

As announced at the August meeting, the "Magical Connection," operated by new GCC member Marc Fussell of Granite City is open to GCC members. The telephone number is 797-1961.

Also, Software or Systems (aka S.O.S.) has also started up a new BBS using an Amiga computer. Vince LePes has generously dedicated a section of that board to the GCC. The telephone number is 624-6248.

NEW BBS NUMBERS

MAGICAL CONNECTION
797-1961

S.O.S.
624-6248

Users must be validated, or given authorization to use the BBS, then may get into the S.O.S. board and/or the GCC section.

The former GCC BBS went down the drain because of a lack of users, but since that time many more members have purchased modems and should be chomping at the bit to use them.

GCC CompuTips

SAVEing programs using SAVE@ is a dangerous way to go. Sooner or later, probably sooner, some the programs will go to computer heaven never to be seen again or, and this can waste hours of work, will replace other programs on the disk.

SAVE yourself a lot of "Oh, *@!#$%" and SAVE your programs as VERSION.1, VERSION.2, etc., rather than replacing with SAVE@.

Classifieds

Wanted

1541 DISK DRIVE for C-64. Call George at 344 3311.

1670 MODEM USERS in the GCC. Please call John Tanner at 797-0145.

PRINTER WANTED. Graphics a must. Not looking to pay a fortune, just want something to get started with printing. Call 876-4566 after 5 p.m.

CLASSIFIEDS ARE FREE to GCC members and will be run as often as space provides in the Gazette. Sell your old software and unused hardware that's just collecting dust. Computer oriented items have priority. Sign up at meetings or send to Gazette c/o 917 Washington Ave., Madison, IL 62060 or call 876-4566 after 6 p.m.

Hardware

FOR SALE OR TRADE. Navaron Cartridge Expander for C-64. Brand new, value $29.95. Will trade for software. Also will trade original software no longer needed for productivity programs. Call George at 344-3311.

ENTIRE C-128 SYSTEM. Hardware includes: C128, 1541, NEC color monitor, Gemini 10X, Cardco printer interface, joystick and cooling fan. Plus a great deal of software, including: EasyScript, EasySpell, Assembler, Basic 64, Pascal 64, Datamat 64, LOGO, EasyMail, Electronic checkbook, the CBM screen editor and many games. All for $700. Call 797-1524 after 6 p.m.

NEW IN-THE-BOX MSD SD-2 dual drive, $400. Call 632-6545 after 5 p.m.

COMMODORE 64 with power strip and reset switch built-in, a real bargain at $125. 1541 Flash! for $40. Call 235-6858 after 5.

OLIVETTI JET INK PRINTER with graphics driver and CARDCO B interface, like new, 10-months-old, $175. Call 235-4826.

MSD SINGLE DRIVE, $175. Ventel modem, 300-1200 baud, $200. Plus-4 Commodore, $60. Cardco G+ interface, $30. Call Ken Hicks at 337-5653 (Cahokia).

Miscelaneous

WURLITZER 3-keyboard organ. Loaded with features like automatic rythym section, chords and bass. Call Emmett at 398-4627 after 6 p.m.

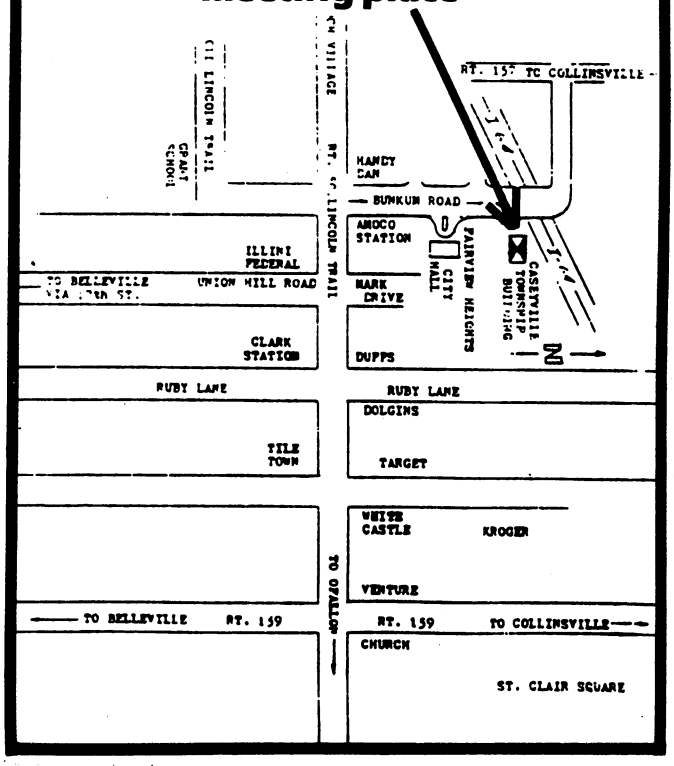
USED TRUMPET, works good. $35, price negotiable. Call Jerry at 235-6484 or 235-0703.

GCC CompuTips

Here's a couple of one-liners for the C-64. RUN 20 for "Sine wave 1" and RUN 40 for "Sine wave 2."

```
10 REM **SINE WAVE 1*******
20 X=X+.1745:PRINT TAB(SIN(X)
   *19+20)"*":GOTO 20
30 REM **SINE WAVE 2*******
40 X=X+.1745:PRINT "[HM][CD]
   [CL][IN] ":POKE218,128:
   PRINT TAB(SIN(X)*19+20)
 "*":GOTO 40
110 REM **THAT'S HOME,******
120 REM **CURSOR DOWN,******
130 REM **CURSOR LEFT,******
140 REM **INSERT SPACE******
150 REM **INSIDE THE QUOTES*
160 REM **IN LINE 100*******
```

Gateway Computer Club meeting place



GCC Directory

Next Meeting:

Sept. 17—7 p.m.

Next Exec. Bd. Meeting:

Sept. 24—7 p.m.

(At Denny's Restaurant)

Next Copy Session:

Sept. 20—10 a.m. to 3 p.m.

Visitors Always Welcome At Meetings

Meetings are held the third Wednesday of every month at the Caseyville Township Hall, 10010 Bunkum Road in Fairview Heights

GATEWAY COMPUTER CLUB
P.O. Box 1839
Fairview Heights, IL 62208





VOLUME 3 SEPTEMBER 1986 NUMBER 9

Gateway Computer Club

GAZETTE

A COMMODORE USERS GROUP

VOLUME 3 | OCTOBER 1986 | NUMBER 10

'Giveaway' underway

The "Super Computer Giveaway" drawing is just two meetings away, but ticket sales are slower than anticipated.

During the last raffle, many members said if they could have sold to people outside the club they could have sold quite a few. And those tickets were $2.50 each.

If those same members are still around, please don't hesitate to pick up some of the $1 tickets for this raffle because there are plenty left to be sold.

Since the September meeting, less than 400 tickets have been picked up and only $51 has been turned in. Only 1,000 were printed.

Tickets will be available at the October meeting.

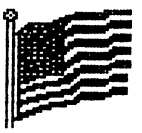
Tickets in the mail

If you haven't already received yours, look for a packet of six raffle tickets in the mail soon.

Many members rarely, if ever, attend meetings for various reasons. So the executive board decided the only way to get everyone involved in the raffle is to send them tickets.

Each member will receive just six tickets to sell. The money and ticket stubs are due by the December meeting, but the earlier the better.

If you don't receive any tickets or you need more, contact Joel Hillyard, chairman of ticket sales for the raffle.



Election '87
Free election ads

As in past elections, the club will offer FREE quarter-page ads for anyone running for an executtive board position.

To make this process as easy as possible, make your election ad using Print Shop, Printmaster or other graphics program.

Use the poster or sign mode and make a full page ad. This will then be reduced to the quarter-page size, making the dot-matrix graphics look even better.

Don't over do it, though. Keep your ads clean and simple. For example:

JOHN DOE

for

PRESIDENT

"Your Man

For The Job"

You might even want to use a graphic appropriate for the position you are running for.

Election ads must be received by the editor on the first day of the month to be in that month's Gazette. Ads received later than the first will run in the next newsletter.

The Editor's Corner

by Patrick Foley

The "Super Computer Giveaway" is off to anything but a super start. Hopefully the momentum will pick up as we get closer to the drawing on Dec. 17.

Only about 10 of the 51 members at the September meeting took some tickets to sell. Maybe more will join in the fun when the prizes for the top seller and winning ticket seller are announced.

It would be great to at least cover our expenses in this venture and a few extra bucks wouldn't hurt the club coffers.

Treasurer's Report

by Bob Suarez

Balance Sept. 1, 1986	$1537.11
Income-Sept. 1986	
Membership	$290.00
Blank disks	182.00
D.O.M. sales	40.00
50/50 raffle	14.00
128 Raffle	49.00
Soda Sales	11.50
T-shirt sale	5.00
Advertising	90.00
TOTAL INCOME	$681.50
Expenses-Sept. 1986	
Newsletter & Postage	104.50
Raffle ticket printing	42.00
Fair '86 expenses	34.94
Refund dues (overpaid)	5.00
Misc & Supplies	86.07
TOTAL EXPENSES	$272.51
Current Balance	1946.10

The Club

The Gateway Computer Club is a not-for-profit organization of like-minded Commodore computer users.

Membership fee is $15 per year. Members receive access to the club's library, educational programs, literature and monthly "Gazette." Direct all membership applications and questions to Larry Briggs, c/o P.O. Box 1839, Fairview Heights, IL 62208.

The Officers

PRESIDENT:	Earl Salmons	397-5029
VICE PRES:	Larry Briggs	345-0220
SECRETARY:	Dale Wentz	632-6545
TREASURER:	Bob Suarez	277-8057
LIBRARIAN:	Ken Welker	234-5901
EDITOR:	Patrick Foley	876-4566
M.A.L.:	Joel Hillyard	282-3758
M.A.L.:	Jim Wright	233-1198

The Gazette

Editor: Patrick Foley

The GAZETTE is published monthly by the GATEWAY COMPUTER CLUB and is a membership service.

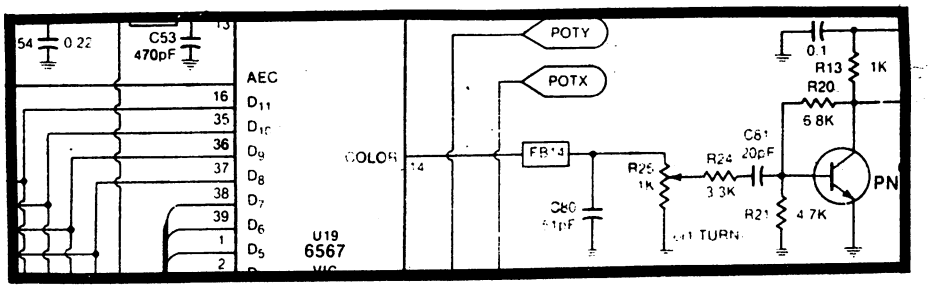
Please direct all articles and advertising to Patrick Foley, 917 Washington Ave., Madison, IL 62060.

Camera-ready advertising must be received by the the first of the month to be included in the issue of that month. Rates are as follows: Full Page-$30; Half Page-$15, and 1/4 Page-$7.50.

Contents of the GAZETTE may be reprinted by club newsletters and other non-profit publications, if accompanied by the author's name and credit is given to the GATEWAY COMPUTER CLUB. The GAZETTE must receive a copy of any publication containing reprints. The G.C.C. assumes no liability for errors in articles or advertisements.

The Tech Corner

by Rich Fisher



The Tech Corner is back by popular demand! I was very frustrated with the complete lack of interest shown, but finally the wait paid off and a few of you deceided to write and ask questions.

I never once professed to have all the answers, and this month there is a question I will pass on in hopes someone out there will have the answer.

Dear Rich,

My name is Chris and I would like information about your club and how to join.

Dear Chris-

At first reading I was just going to say show up at the meeting on the third Wednesday of any month, pay your dues, and you are in. Then it dawned on me, how did someone get my name and address without reading this newsletter? And if he has read this newsletter then he should already have that information. Maybe one of my readers has the solution...how is he going to read the answer if he isn't already a member???

Dear Rich,

I want to put a reset button on my computer, but I want to plug it in and I already have a modem in the user port. Is there any hope?
Art E. Choke

Dear Art-

First let be compliment you on your original name. Your prayers are answered, just find a plug that will plug into one of the two SERIAL ports on your disk drive. Connect a momentary contact normally open push button across pins 2 and 6. If both ports are in use, make an extension using male and female plugs with the button connected between them. When a reset is desired, just push the button.

Dear Rich,

Are there any terminal programs for the Commodore 1670 with auto-redial, and what good terminal programs are available for it?
John Tanner

Dear John-

I can't believe it, you are the first person to write to me using your real name. WOW!!! I don't have the answer exactly, because I don't own a 1670.
However I do own a Westridge modem and the program supplied with it auto-redials. If your 1670 uses the same routine to dial, the program would work. There are many good terminal programs available and each has its good and bad points. My suggestion would be to sign on bulletin boards in the area and ask those same questions. You see, all you know about me is that I own a word processor, and a disk drive (see above letter), but on a bulletin board, everybody you communicate with owns a modem and a terminal program.

Well there you are, another column done. However if I don't continue to receive questions, I WON'T WRITE!!!

THE TECH CORNER
PO BOX 207
BELLEVILLE, IL 62222

View From The Top

by President Earl Salmons

The big item discussed at the board meeting Sept. 24 was the coming election of club officers to be held Jan. 21, 1987.

It was decided by the board to appoint a three-person nominating committee and to open nominations from the floor at the October regular meeting.

The reason for opening nominations in October is to give those who run for office a chance to put an ad in the November, December and January GCC Gazettes.

While this discussion was going on, I annouced that because of my health I would not run for re-election as president.

Speaking of the GCC raffle, prizes will be awarded to the person who sells the most raffle tickets, and also to the member selling the winning ticket. Jole Hillyard will explain details at the Octobber meeting.

Get out there and be selling those tickets!

Juanita Welker, who did a superb job as the computer fair chairpeson, was appointed chairperson of the annual Christmas party.

This year the party will be different and hopefully more enjoyable for all. I will let Juanita tell you all about it during the next few meetings.

Scheduled for the October meeting: Jim Wright will make and and show you how to install the coustom default EPROM chip. And Pat Foley will demostrate the Kola Muppet Learning Keys. This is great for children and for parents of children under 10. Don't Miss it!

See you at the meeting.

World Games reviewed

By Jeff Barthel

As if Winter Games and Summer Games II wern't enough, Epyx has just released World Games.

Players travel the globe to eight different countries to compete in events such as weightlifting, barrel jumping, cliff diving and bull riding.

The graphics in WG are just as good as Summer Games II, if not better.

The list of events and the country each is played is:

Russia-weightlifting
Germany-barrel jumping
Mexico-cliff diving
France-slalom skiing
Canada-log rolling
U.S.A-bull riding
Scotland-caber toss
Japan-Sumo wrestling

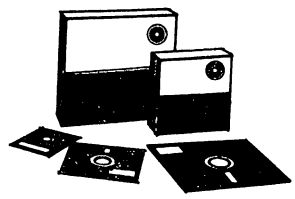
If you like the others in the series of Olympic-type games, you'll love this one.

Although, I think some of the events are just too difficult. For example, in Caber Toss, it seemed every time I tried to throw the log, it would slam my player into the ground. Ouch!

I enjoyed this game, but was soon bored with it.

It's distributed by Epyx, P.O. Box 8020, Galveston Drive, Redwood City, CA 94063.

Any bad disks?



Any club member who has bought a bad disk (from the new disks being sold by the club for $5 for 10 SS-DD or $6 for 10 DS-DD) can return it to Librarian Ken Welker for a new one, no questions asked.

The only restrictions are that it has to be from the new disks acquired by Treasurer Bob Suarez for the club and it can't be notched for use of the back side.

Software Or Systems

Special Coupons

COUPON

STAR NL-10 Printer
w/comm. Interface

$299.95

Offer Ends 10/31/86

COUPON

BULK DS/DD DISKS

.39 each

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COUPON

DISK FILE 120
HOLDS 100+ 51/4" Disks

$9.95

LIMIT 1 Offer Ends 10/31/86

Software Or Systems
5900 N. ILLINOIS
FAIRVIEW HGTS. IL
(618) 624-2211



Secretary's Report

The September meeting of the GCC was called to order by President Earl Salmons with 51 persons present.

The treasurer's and secretary's report were accepted as published in the September Gazette.

Gazette Editor Patrick Foley asked the membership for more articles and input to the Gazette. He stressed the present 12-page format can only continue if the members submit articles to help fill it up.

Larry Briggs, vice president and chairman of the membership committee, reported eight new members had joined prior to the meeting.

Juanita Welker, chairperson of Computer Fair '86, was presented a gift of appreciation from the executive board for the excellent leadership and coordination she provided for the fourth annual fair. Presient Salmons presented her with the gift on behalf of the board.

A letter from St. Clair Square was read by Salmons. The management of the shopping mall thanked the club and its members for the cooperation during the computer fair and offered the facility to the club once again for the fair next year.

Salmons reminded the members that tickets for the "Super Computer Giveaway" would be available after the business portion of the meeting. He said that December 17, the GCC Christmas party, was chosen as the date for the drawing for a C-1228 computer or alternated 1st prize of a $500 U.S. savings bond, the 2nd prize of a $100 bond and 3rd prize of a $50 bond.

He said that the tickets are available to anyone for a donation of $1 each.

New members

As of the September meeting, eight Commodore computer enthusiasts joined the GCC. They are Don Buscher and Ed Foley, both of Brighton, IL., Philip Davis of O'Fallon, Kurt Isbrecht and Richard Koerper of Granite City, Tim McElligott of Caseyville and Charles Trotter of Bellleville.

These new members are reminded that they should feel free to call upon any of the officers or other club members at any time with questions concerning the club, its functions or any other questions about computing.

The following members are reminded to renew their memberships by the October meeting to be able to continued participation in the club. They are:

William Broda, Shelby Langford, Douglas Niles, Jason Riggs, Bill Todd and Trevor Walker.

Remember, you can renew your membership either by mail or in person at the October meeting.

Attendance pays off

It really does pay to go to the regular monthly meetings of the GCC.

During the drawing for disk caddy, the following members' numbers were picked, but they wern't present to collect the prize.

Walter Boone, Dale Goldsmith, John Sundstrom (he was outside talking) and Bryan Bruss all had a chance to win, but the lucky member was Joel Hillyard, a member of the executive board.

For a GCC D.O.M., Linda Beutel lost out not once, but twice. Emmett Salmons, brother of our president, had his number drawn, but he wasn't in attendance.

Even our president's number was drawn, but he had just left the building. What luck!

The eventual winner ofthe D.O.M. was Dennis McBride of Granite City.

C128 $299
C1571 $299
C1902 $299

C64 $167
C1541 $200
Limited number of 12" composite color monitors.
ONLY $149 while supplies last!



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In more homes than any other home computer.

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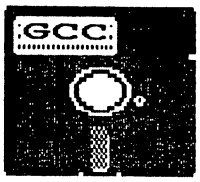
Kappel's Computer Store Inc.
125 E. Main, Belleville, IL 62220
(618) 277-2354

MON. - FRI 9 TO 7
SATURDAY 9 TO 5

We are looking for a limited number of working VIC20 computers.
$40.00 will be paid for each working unit. Limited time offer!!!!



D. O. M.



by Ken Welker

SCREEN-80*Run many of your C-64 programs with an 80 column screen.

CHECK1*An easy to use program to help keep your check book balanced, and give you a record of the checks you write.

PICHEROO*A game of horseshoes of one or two.

TRIVIA CROSSWORD*Find the answers to the trivia questions in the crossword puzzle.

NIELSON PAPERS*A text adventure game. Your mission is to steal the formula to make SYNTHERON the perfect substitude for uranium.

WORDFIND*Load this program, turn on your printer, and make many different wordfind puzzles.

PET EMULATOR

PINBALL*Load Pet Emulator first, then load, Pinball. Play the pinball machine on your computer.

XEROPUS*Rated #2 in the October isue of Quantumlink Update, "For all you 'Galaxian' fans, a nice program with good sound effects".

HOT ICE RACE*You are skating on thin ice as you race through the cource, but watch out for the cracks in the ice, or you fall into the icy cold water.

SPACE CHASE*Gather space debris as you fly through the galaxy, but watch out for the missles.

OBSTACLE COURSE*Just as it says, jump and dodge your way through the course.

As a special bonus disk for all of you graphic hounds, the public domain version of CADPAC 64. What is CADPAK? It helps you draw pictures and graphics designs easily and accurately. This is a two-sided disk with complete instructions for using this program.

Bonus 128 Disk of the Month

Back by popular demand, here is the latest for both the 128 and CP/M mode.

128 MODE

CHECKERS 128 - For the 40 col. screen, it's you vs. your 128.

YAHTZE 128 - The famous game of YAHTZE for 40 columns.

ISOPLOT 128 - Draw and print some isometric diagrams.

MEM WINDOW.128 - This program for 40 columns allows you to view the innards of your 128.

CALCULATOR 128 - Just as it says, a calculator for the 128. Includes Trig functions.

DISK TIDIER 128 - Contains all the disk functions in an easy, menu-driven setup. Easier than DOS SHELL.

MULTITERM - This terminal program works with a variety of modems. Uses both Xmodem and punter protocol.

CP/M MODE

CHALK.COM(and all other files on the back side) - The entire CP/M side is dedicated to an 80 column spreadsheet program titled CHALK. This program rivals many programs available for the 128 or most MS-DOS machines.

Several examples are included (.brd). Although this program is NOT free, you are free to give it a try and, if you like it, the author requests you send a modest sum to help defray his costs.

CP/M explained for beginners

By Jim Tomlinson

After a brief respite, and a tight work schedule, I am back.

In this month's article, I will discuss the use of two of the common commands.

Perhaps one of the most misunderstood utilities on CP/M is PIP. The initials stand for Peripheral Interchange Program.

Many people think that this only is a disk to disk copier, but it is much more. For instance, normally to copy FILEA.DOC from drive A to drive B, we would use the syntax:

PIP B:=A:FILEA.DOC

But did you know that you can direct your doc from a drive to the printer? To accomplish this you would enter:

PIP LST:=A:FILEA.DOC

You could even use an asterisk [*] in place of FILEA and print out all of your DOC files on the disk on drive A.

To turn that around, you could use:

PIP A:FILEB.DOC=CONIN:

And anything entered on the keyboard will be copied to disk as FILEB.DOC.

TYPE is a program that gets a file from a disk drive and outputs it to the screen. With the use of the CTRL-P sequence the type command will also put your file to a printer. One thing you will notice when using TYPE, is that you are prompted every 24 lines. The prompt is like:

[RETURN key to continue]

You can enter an additional command of [nopage] to turn off this prompt, but you must have the disk with the TYPE.COM file in the drive. One way to get around this is to put in the disk with TYPE.COM in the drive, and enter:

TYPE E:FILEC.DOC [NOPAGE]

The system will now prompt you to put disk E in drive A and you can put in the disk you wish to print.

Built-in default

A personalized default screen for the Commodore 64 will be shown and EPROM chips made at the October meeting, so don't forget to bring your computers.

Jim Wright, a GCC executive board member, will have a C-64 with a personalized default screen built-in at the meeting.

He was scheduled to have the computer at the September meeting, but he had problems with the program necessary to burn the EPROM (that's Erasable Programmable Read Only Memory) IC chip.

Jim asssured the executive board thahe will be able to demonstrate and make chips for other club members at the October meeting.

The EPROM will alllow a member to have whatever default message come up on the screen when the computer is turned on and in any combination of border, background and character colors.

Installation of the chip is made much easier if the C-64 has socketed chips. About half of the C-64s have soldered chips, making installation a job for someone with experience.

ar change to C-128s is likely for those When and if a similar chip for the C-128 will be available is still being researched.

Forms will be available to write out what you want your default screen to read and what colors you want. Screen information will be limited to two lines of up to 40 characters.

The exact cost of the EPROM chip has not yet been determined, but estimates of $5 have been made.

If you think you'll be getting an EPROM for your computer, be thinking about the screen information and color combination before the meeting to save time.

GCC CompuTips

POKE 56325,(any number from 0 to 255) will change the speed of the cursor on the C-64. The lower the number, the faster the cursor.

PRINTERS--WHAT SHOULD I BUY--by Bill Eardley----------

KINDS: 1. PLUG COMPATABLE
2. INTERFACABLE
3. ETC

Plug Compatable: NO interface needed: Examples:
1.1 Commodore 801,803,1525 --no decenders -but graphics
1526, 802 --descenders(y,p,g..) below line when printed but --no graphics
1000 - daisy wheel --no graphics
SLOW, CHEAP & NOISY($100-300)

1.2 NON-COMMODORE- plug compatable
SG-10C (w/new rom does LNQ, underline, subscripts, etc)
Seikosha 1000VE
--NEW entries such as NL with factory plug in interfaces

2.1 INTERFACABLE: (FASTER, QUIETER, MORE EXPENSIVE)
SG-10 (replacement NX10 ($289 up)
Epson & compatable such as Seikosha 1000
Okidata, NEC, etc.

2.2 INTERFACES:
Cardco A,B,Etc, MW350, Xetec Jr & Xetec Super Graphics
ONCE ON AN INTERFACE THEY ACT AS A COMMODORE except you can usually LOCK them in any mode such as a letter quality type mode. Xetec Super Graphics has an 8K buffer and can receive up 2 different font types in the buffer for freeing up you computer.

FONT= Character type such as 10-12 pitch, elite, expanded, double strike, etc.

3. One of first THINGS TO DO is to print a directory. The listing of what is on a disk. TO DO THIS: type
LOAD"$",8 (press return)
PRINT#4,4: CMD4: LIST
This proceedure will also print a listing of any program already in memoray. Type: PRINT#4: CLOSE 4

4. WE USE PRINTER FOR :
a) graphics such as print shop, b)word processors,
c)directories, d)spreedsheets, e)data bases(labels), etc

5. TYPE RECOMMENDED for you to purchase should be BASED UPON:
YOUR a)budget, b)current uses, c) expected usage, d)desires,
e) time restrictions for printing.

6. NEW ONES: Lasers, 24 pin, etc.

7. Thats about it. I hope you like this outline form for an article. PLEASE ask your fellow Gateway members about their choices and what they like and dislike about each. Personally I think the best combination for a COMMODORE for an experienced user who does graphics and word processing is a set-up with a Xetec Super Graphics (8k buffer) and one of the newer Star type printer with near letter quality like the NX-10. What about you?

Classifieds

Wanted

PRINTER WANTED. DPS 1101 Commodore printer. Call 224-9357 after 6 p.m.

1541 DISK DRIVE for C-64. Call George at 344 3311.

1670 MODEM USERS in the GCC. Please call John Tanner at 797-0145.

CLASSIFIEDS ARE FREE to GCC members and will be run as often as space provides in the Gazette. Sell your old software and unused hardware that's just collecting dust. Computer oriented items have priority. Sign up at meetings or send to Gazette c/o 917 Washington Ave., Madison, IL 62060 or call 876-4566 after 6 p.m.

Hardware

FOR SALE OR TRADE. Navaron Cartridge Expander for C-64. Brand new, value $29.95. Will trade for software. Also will trade original software no longer needed for productivity programs. Call George at 344-3311.

ENTIRE C-128 SYSTEM. Hardware includes: C128, 1541, NEC color monitor, Gemini 10X, Cardco printer interface, joystick and cooling fan. Plus a great deal of software, including: EasyScript, EasySpell, Assembler, Basic 64, Pascal 64, Datamat 64, LOGO, EasyMail, Electronic checkbook, the CBM screen editor and many games. All for $700. Call 797-1524 after 6 p.m.

NEW IN-THE-BOX MSD SD-2 dual drive, $400. Call 632-6545 after 5 p.m.

COMMODORE 64 with reset switch built-in, A good deal at $110. 1541 Flash! only $30. Call 235-6858 after 5.

OLIVETTI JET INK PRINTER with graphics driver and CARDCO B interface, like new, 10-months-old, $175. Call 235-4826.

MSD SINGLE DRIVE, $175. Ventel modem, 300-1200 baud, $200. Plus-4 Commodore, $60. Cardco G+ interface, $30. Call Ken Hicks at 337-5653 (Cahokia).

Miscelaneous

WURLITZER 3-keyboard organ. Loaded with features like automatic rythym section, chords and bass. Call Emmett at 398-4627 after 6 p.m.

USED TRUMPET, works good. $35, price negotiable. Call Jerry at 235-6484 or 235-0703.

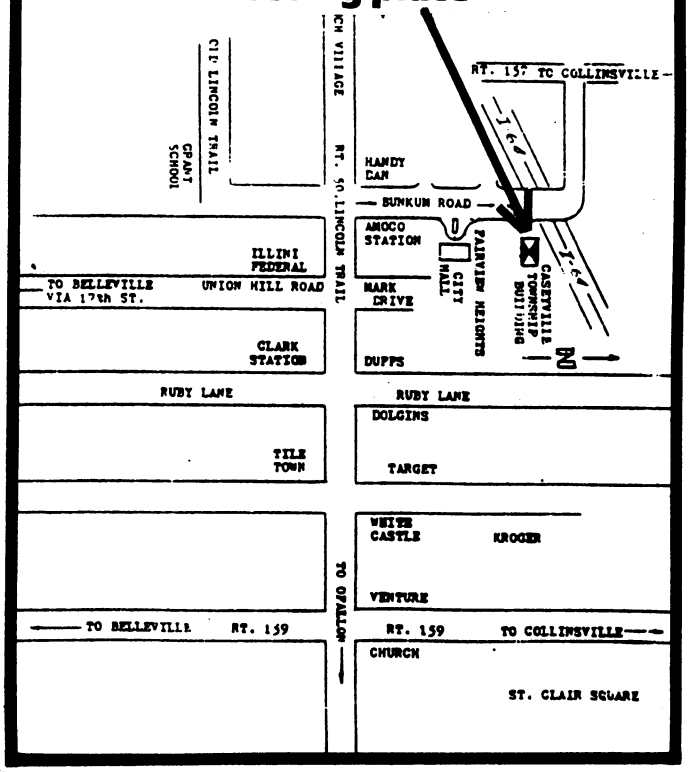
GCC CompuTips

If you need a simple beep in your program, but don't want to take the time to figure out how to make sound with the synthesizer built into your Commodore 64 or 128, this short set of POKEs will make a beep for you.

```
POKE54273,70:POKE54278,249:POKE54
296,15:POKE54276,17:POKE54276,16
```

Change the value of the first POKE to get different pitches of 'ding.'

Gateway Computer Club meeting place



GCC Directory

Next Meeting:

OCT. 15—7 P.M.

Next Exec. Bd. Meeting:

OCT. 22—7 P.M.

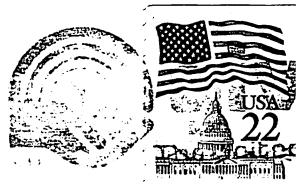
Next Copy Session:

NOV. 22—10 to 3

Visitors Always Welcome At Meetings

Meetings are held the third Wednesday of every month at the Caseyville Township Hall, 10010 Bunkum Road in Fairview Heights





GATEWAY COMPUTER CLUB
P.O. Box 1839
Fairview Heights, IL 62208

VOLUME 3 OCTOBER 1986 NUMBER 10

Gateway Computer Club

GAZETTE

A COMMODORE USERS GROUP

VOLUME 3 NOVEMBER 1986 NUMBER 11

Auction set for November meeting

The semi-occassional auction of the Gateway Computer Club will be the featured highlight of the November meeting.

At the request of a member at the October meeting, the GCC will once again give its members a chance to make a few bucks by selling hardware, software and other items (no kitchen sinks, please) either unwanted or no longer in use.

The auction will be run in the same manner as the February auction which was headed up by Joel Hillyard. Joel again will be in charge of the event.

Items will be put on the auction block in the same order as they are tagged at the door, prior to the meeting.

Joel will tag each item and mark the membership number of the person bringing it to be auctioned.

Those bringing items for the auction are reminded that a minimum may be marked on each item. The bidding will begin at the marked price. If there is no minimum marked, the auctioneer will do his best to get a fair bid.

The club will keep 10 percent of the sale price for allowing the members the use of the auction to sell their items.

Members may pick up their unsold items and any money made from sold items as soon as the auction is completed.

Further details of the auction will be outlined by Joel before it begins.

Only $10 to renew at December meeting

Any prospective members attending the Dec. 17 meeting of the GCC will be able to join for the low membership fee of only $10.

Also, as a special offer to the general membership, renewals will also be $10 per each additional year.

The executive board also decided to aim the $10 reduced fee to those former members who have dropped during thte past three months. They will be sent a copy of the Gazette to inform them of the special.

The only catch to the $10 fee is that you must be present at the December meeting to take advantage of the special.

Party being planned

By Juanita Welker

Plans are well underway for a great Christmas Party on December 17.

We are planning some surprises for all who attend.

There will be food, cookies and punch available.

Those of you who wish to exchange gifts may do so. If you bring a gift you get a gift. Please, a $5 maximum for gifts.

We want to have a games tournament for our younger members. A sign up sheet will be available at the November meeting. We will need the names and ages of members involved in the tournament prior to the night of the party.

Please plan to attend your Christmas Party and have a a great time!

The Editor's Corner

by Patrick Foley

The next few months will be busy ones for the GCC. This month there is the semi-occassional auction and next month there will be the annual Christmas party and raffle drawing for a Commodore 128.

Then there will be the election of officers.

No less than 11 members have shown an interest in running for the eight positions available, so it seems there will at least three real races for your vote in January.

When participating in club events like these, feel free to let the officers know what you like or don't like about the club. It's the only way they're able to plan for the future.

Treasurer's Report

by Bob Suarez

Balance Oct. 1		$1946.10
	Membership	15.00
I	Blank disks	157.00
N	D.O.M. sales	76.00
C	50/50 raffle	17.50
O	128 Raffle	179.00
M	Soda Sales	9.25
E	Advertising	30.00
	TOTAL INCOME	$483.75
E	Gazette & Postage	88.00
X	Raffle mailing	30.16
P	Blank disks	384.00
E	Returned check	60.00
N	EPROMs purchase	44.00
S	TPUG dues	25.00
E	Door prizes	31.25
S	Misc & Supplies	10.00
	TOTAL EXPENSES	$672.41
Current Balance		1757.44

The Club

The Gateway Computer Club is a not-for-profit organization of like-minded Commodore computer users.

Membership fee is $15 per year. Members receive access to the club's library, educational programs, literature and monthly "Gazette." Direct all membership applications and questions to Larry Briggs, c/o P.O. Box 1839, Fairview Heights, IL 62208.

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VICE PRES: Larry Briggs..345-0220
SECRETARY: Dale Wentz....632-6545
TREASURER: Bob Suarez....277-8057
LIBRARIAN: Ken Welker....234-5901
EDITOR: Patrick Foley.876-4566
M.A.L.: Joel Hillyard.282-3758
M.A.L.: Jim Wright....233-1198

The Gazette

Editor: Patrick Foley

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D. O. M.



by Ken Welker

PS DATADUMP 10X This program will print Printshop graphics 6 across on GEMINI printers.

ANDROIDS Try to beat the computer and be the one to destory the last Android.

PLASMOID BOOT
PLASMOID Destroy the bouncing Plasmoids before they destroy you. (Use joystick port one)

MINEFIELD Drive your truck across the minefield and pick up as many bombs as you can before they explode. (Use joystick port one)

OMNICRON
OMNICRON LOADER
PSET
GAME1 Guard the moon base Omnicron from the invading forces. (Use joystick port 2)

ULTRAPRINT Use this program to print out Doodle graphics.

DDSPACE SHUTTLE A doddle picture of the Space Shuttle. Use ULTRAPRINT to print out this picture.

FLOW/64 V2.1 A flow chart. Will show the flow of a basic program.

MINI EDITOR A sequential file editor.

MINI EDITOR DOCS. Instructions for using Mini Editor.

LYNX 6 An updated version LYNX. LYNX like LIBRARY and SQUEEZE, it combines a series of files or programs into one large file and then "SQUEEZES" them into a compacted version. This program is use primarily when UPLOADING and DOWNLOADING on bulletin boards.

CONSTRUCTION CO. Use your skill and ingenuity to build 6 different houses.

Bonus 128 Disk of the Month

ARCHETYPE - 80 column text editor with drop-down menus and help.

XLINK - 80 column disk translator. This program will read and write to CP/M, MS-DOS and CBM formats!

MUSICMAN 128 - 40 column program to allow you to explore the musical capabilities of your 128.

PHILEMASTER.80 - File all those records for your home. 80 column.

TURBOCG TERM - A 40 column, full-color terminal for your 128.

CP/M MODE

GAMMON.COM - A very good backgammon game for CP/M.

B29.COM - A high level disk and file copying utility.
EBASIC.COM - Well, here it is! A p/d basic compiler for speed!

DU-V89.COM - Another disk utility like B29 above.



Secretary's Report

The October meeting of the GCC was called to order by President Earl Salmons with 54 persons present.

The treasurer's and secretary's report were accepted as published in the October Gazette.

New members of the GCC and guests at the meeting were welcomed by President Salmons.

Nominations for the election of officers for 1987 were opened. Jim Wells served as chairman of the nominating committee.

The following members were nominated for the various positions as indicated:

Joel Hillyard, president; Juanita Welker, secretary; Bob Suarez, treasurer; Jim Tomlinson, librarian; Patrick Foley, editor and Larry Briggs and Earl Salmons as members-at -large.

Additional nominations will be in order at the November meeting.

Juanita Welker, chairman of the christmas party committee, announced that a $5 gift exchange will take place at the party. Those bringing a gift will receive one.

Also prizes will be awarded and ther would be a special event just for the kids. She said that no alcohol will be served or allowed at the function.

Joel Hillyard reported that most of the 1,000 raffle tickets printed had been piked up or mailed to members and that prizes will be awarded to the member who sells the most tickets (two year's free GCC membership) and the one who sells the winning ticket (one year's free membership).

An auction was suggested forthe November meeting with a majority of the membership present voting in agreement. John Sundstrom volunteered to be auctioneer for the event.

New members

The following members are reminded to renew their memberships by the November meeting to be able to continued participation in the club. They are:

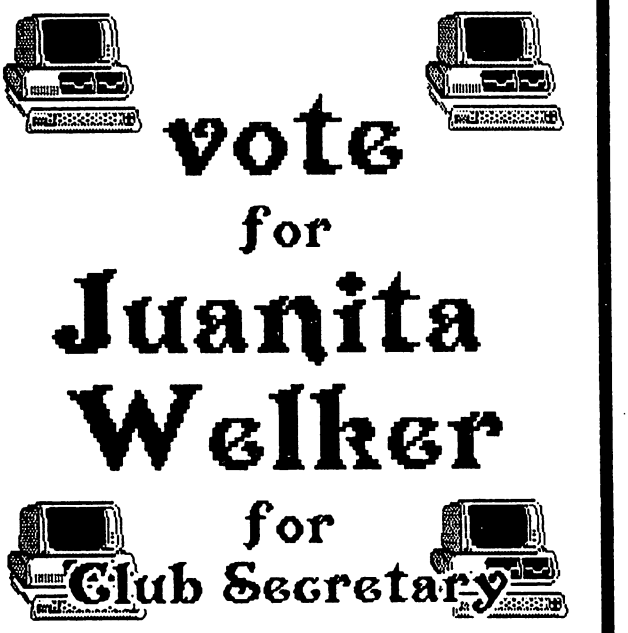
Terry Aaron, Linda Beutel, Virgil Hensiek, Bob Lanham and Mike Maddux.

Also Rick Tissier, Steve Westlund and Stan Wierciak.

Remember, you can renew your membership either by mail or in person at the November meeting.

All members are reminded that memberships may be renewed at anytime. This extends your membership a full 12 months from your present expiration date, regardless of when you renew.

Don't forget, you must have a valid membership card to vote on all club matters and to participate in the quarterly copy sessions and any other club functions.



C128 $299
C64 $167
C1571 $299
C1541 $200
C1902 $299

Limited number of 12" composite color monitors.
ONLY $149 while supplies last!



commodore COMPUTER
In more homes than any other home computer.

K+'S

Kappel's Computer Store Inc.
125 E. Main, Belleville, IL 62220
(618) 277-2354

MON. - FRI 9 TO 7
SATURDAY 9 TO 5

We are looking for a limited number of working VIC20 computers.
$40.00 will be paid for each working unit. Limited time offer!!!!

View From The Top

by President Earl Salmons

At the last meeting, nominations for club officers were opened.

For the eight offices, we already have 11 candidates. This I feel is a good sign that more members are getting involved and I hope that at the Nov. & Dec. meetings we will get more candidates.

Lets make this an election, not like last year when we had to twist arms to get people to run for office. If you feel you can do a good job in one of the offices, see Jim Wells and he will put your name in nomination.

In an effort to get more and better disks for the club library, we have joined the Osborn Group, a large CP/M support group from which our library can get additional CP/M software.

At the board meeting, it was decided to upgrade the club by getting a Commodore 128 to replace the 64 we now use. You will be asked to vote on this at the November meeting.

It has been noted by several members that when new officers have taken over in the past there has been no formal transfer of authority.

Carlos Mariles is one of these members, and brought the subject up at the last board meeting. Carlos outlined a few possible installation programs, which include an oath of office.

These are all short programs and if any one of them is adopted by the membership, it will be incoporated into the club by-laws.

Don't forget the auction at the November meeting.

See you at the meeting.

GCC CompuTips

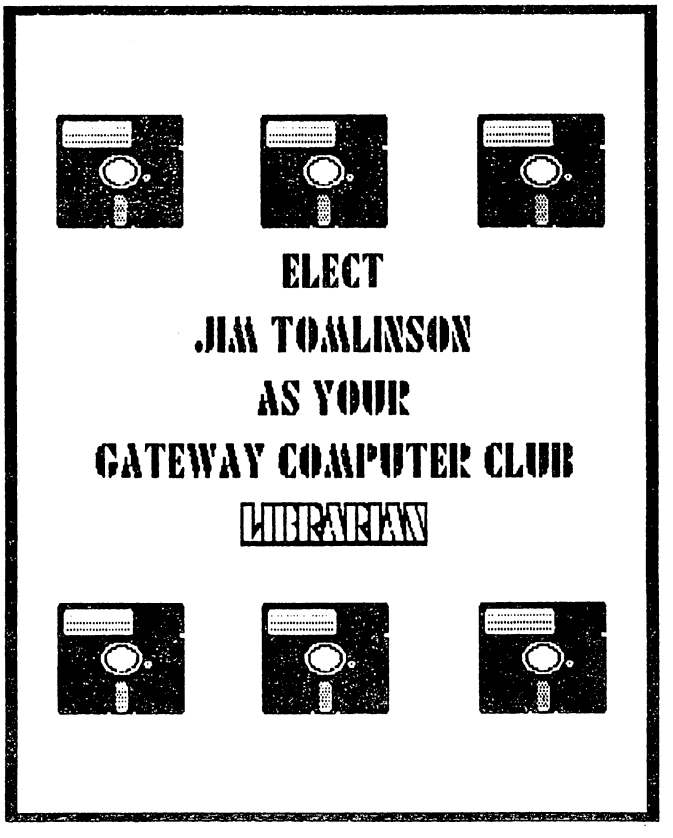
Just saying "Hit any key" is not always enough to grab the attention of the user. A better technique is to flash the message on/off with reverse video. This presents a focal point for the user. Try this routine:

```
100 A=0:REM FLASHER SUBROUTINE
110 A=A+1:IF A=10 THEN PRINT
    QR$;"[cursor up]"
120 IF A=20 THEN PRINT "[rvs]";
    QR$;[rvs off][cursor up]"
130 GET Q$
140 IF Q$<>"" THEN RETURN
150 GOTO 110
```

In the using prgram, do this:

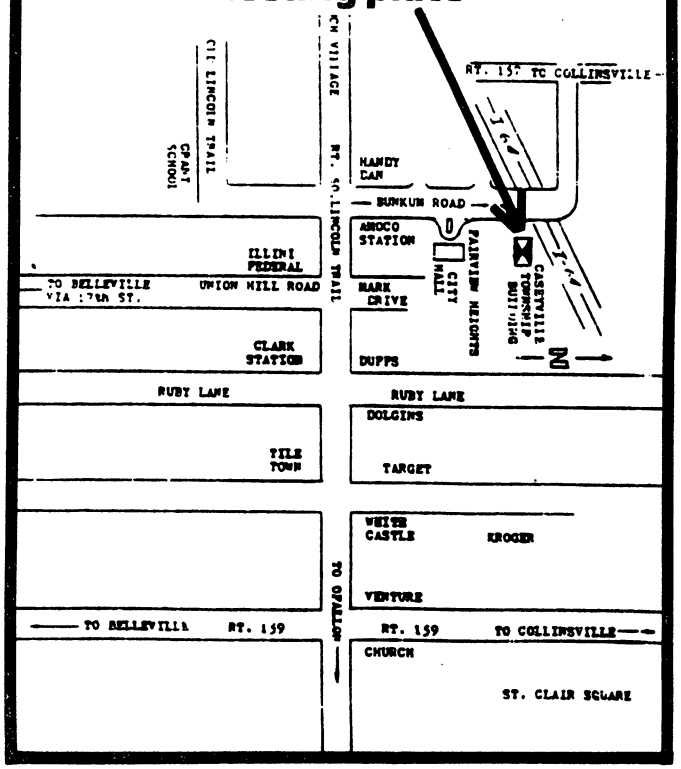
```
90 GOTO 500
500 QR$="HIT ANY KEY"
510 GOSUB 100
520 (test q$.....)
```

Give it a try, it might perk up some of your programs!




Our Annual
Christmas
Party
December
17,
1986
Games, Fun & Food

Gateway Computer Club meeting place



GCC Directory

Next Meeting:

Nov. 19-7 p.m.

Next Exec. Bd. Meeting:

Nov. 26-7 p.m.

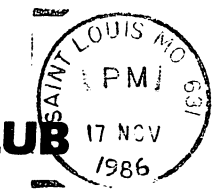
(At Denny's Restaurant)

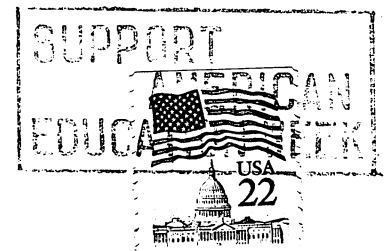
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Nov. 22-10 to 3

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GATEWAY COMPUTER CLUB
P.O. Box 1839
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VOLUME 3 NOVEMBER 1986 NUMBER 11

Gateway Computer Club

GAZETTE

A COMMODORE USERS GROUP

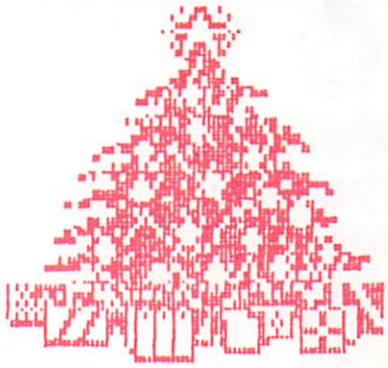
VOLUME 3 | DECEMBER 1986 | NUMBER 12

Party, C-128 drawing on tap

The annual Christmas party is sure to be the best ever, according to Juanita Welker, chairperson of the event.

Games for the kids, a gift exchange and plenty of food and puuch for everyone is on tap.

And don't forget, the raffle drawing for the C-128 computer will also take place so you might just walk away with a new computer, if you have bought a ticket!



Renew for $10

Any new members or members recently dropped from the GCC membership rolls may join the club for only $10 at the December meeting.

Current members may renew their memberships at $10 per year.

The only catch is that you must be at the December meeting in person to take advantage of this special deal.

We're not the old GCC anymore. We are growing and expanding into areas that are sure to interest new and old members alike and the special membership fee at the December meeting is just the way to get back into computing at its best.

Two races take shape

By Patrick Foley
Gazette editor

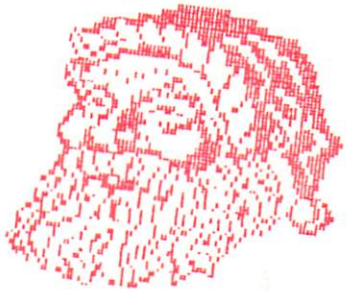
At deadline, 11 GCC members have been nominated for the eight offices of the club.

Only two offices, though, are shaping up for balloting. There are two members running for vice president and four members are running for the two members-at-large positions on the executive board.

Our fearless leader for the past year, Earl Salmons, is not running for re-election as president, but is remaining active by running for one of the member-at-large seats on the board.

Larry Briggs, vice president, is also running for a M.A.L. position.

The entire membership should be thankful for having these two at the helm during the past year. They've done a great job and I for one, if re-elected in January, will be looking forward to their input.



Inside

Election update.....3
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Happy Holidays

The Editor's Corner

by Patrick Foley

The excitement is mounting as the drawing for the C-128 computer draws near.

As you all know, the drawing will be druing the club's annual Christmas partyo Dec 17. And what a party it will be.

Juanita Welker, who volunteered to chair the event, is promising something for everyone and knowing some of the plans already in the works, I think few will be disappointed.

By the way, during the business portion of the December meeting, nominations will be taken for the last time for the election of officers in January.

Treasurer's Report

by Bob Suarez

Balance Nov. 1		$1757.44
	Membership	60.00
I	Blank disks	320.00
N	D.O.M. sales	70.00
C	50/50 raffle	18.00
O	128 Raffle	209.00
M	Soda Sales	14.75
E	Advertising	60.00
	Auction	85.39
	TOTAL INCOME	$837.14
E	Gazette & Postage	77.00
X	PA system	110.00
P	Join FOG	25.00
E	Stop check (Oct.)	-384.00
N	Bank stop check	15.00
S	Blank disks(new)	365.00
E	TPUG DOM	59.95
S	Misc & Supplies	28.80
	TOTAL EXPENSES	$296.75
Current Balance		$2297.83

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ELECTION '87 AT A GLANCE

PRESIDENT

Joel Hillyard

VICE PRESIDENT

Dan Deutschmann

Wally Maier

SECRETARY

Juanita Welker

TREASURER

Bob Suarez

LIBRARIAN

Jim Tomlinson

EDITOR

Patrick Foley

MEMBER—AT—LARGE
(Vote for 2)

Earl Salmons

Larry Briggs

Mike Taphorn

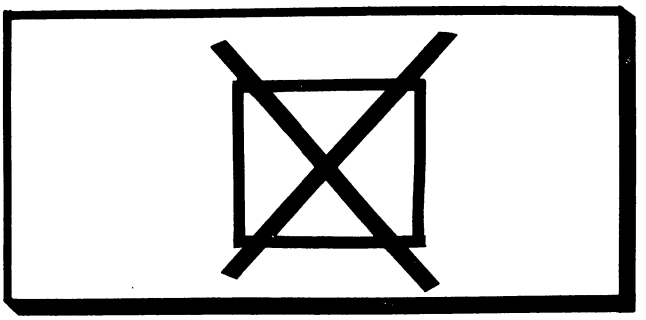
Ken Hicks

Visit one of our
Advertisers
You'll be glad you did!

G.C.C. ELECTION '87

Jim Wells, our one-man nomination committee, has worked hard the past few months getting members to run for the eight seats on the GCC executive board.

To date, 11 members are running for the eight positions, and nominations can still be made at the December meeting.



Of those running for office, only two races have developed: two are running for vice president and four are running for the two members-at-large positions.

Remember, nominations will close at the December meeting, so if you want to run, be sure to let the nominating committee, Jim Wells, or any officer know of your intentions so you will be added to the list of candidates.

COMLINK
BBS
THE FASTEST GROWING BBS IN THE MIDWEST
300/1200 BAUD
FREE & FEE 24 HOURS
LARGE 20 MEG DOMAIN
COLOR GRAPHICS
618-344-3907

View From The Top

by President Earl Salmons

As you can tell by the TV ads and the amount of junk mail in your mail box Christmas time is here again.

Your Board of Directors started talking and planning for this season back in July and we are ready! There is planned for you a real Christmas party. There will be something for everbody at our Christmas meeting Dec. 17.

To start off, someone will take home a Commodore 128, or a $500 U.S. Savings Bond.

How's that for starters?

Then there will be lots of attendance prizes, plus our usual 50-50 drawing and the Disk Of The Month drawing.

There will be plenty of food and drink (non-aloholic) and then more food.

For the younger members, a game contest, computer games to be sure, with all sorts of prizes. You can sign up for the contest the night of the meeting.

There will also be a big surprise, so I urge each of you to attend the Christmas meeting and party.

I want to cut the business part of the meeting as short as possible, but some work must be done. I will appoint three members to audit the treasurer's books. This must be done as per the club by-laws. I will also ask for three members to volunteer to form a publicity committee.

Nominations for club offices will be closed. This will be your last chance to get your name on the ballot if you want to run for office.

I want to wish each of you a Merry Christmas and a Happy New Year.

VIP tour is planned

A special VIP tour of the A.O. Smith auto parts manufacturing plant in Granite City has been set up for the members of the GCC.

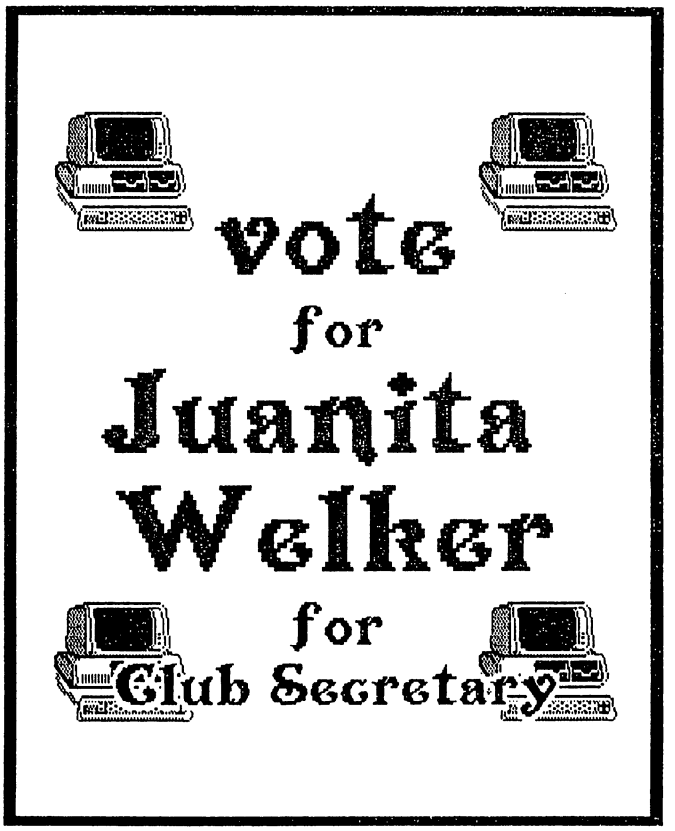
Scheduled for Jan. 14, the tour will highlight the use of computers and robotics in use by industry in this area.

The A.O. Smith plant, which produced underframes for General Motors cars for many years, has recently been renovated and retooled to manufacture the engine cradles for the Ford Taurus and Mercury Sable cars.

GCC member Dennis McBride is responsible for getting the club into the plant for the tour.

Plans call for members to meet at the Caseyville Townshhip Hall, our regular meeting place, and then carpool to the plant.

A map to the plant, about 35 minutes from Fairview Heights, will be in the January edition of the Gazette and those leading the way the night of the tour will also have maps for those who drive.





FLASH!!



THE COMPUTER SOFTWARE STORE IS HAVING A SALE!

THE COMPUTER SOFTWARE STORE
1367 Niedringhaus
Granite City, IL 62040
876-2155



Secretary's Report

The November meeting was call to order by President Earl Salmons.

The Treasurer's and Secretary's reports were accepted as they appeared in the November Gazette.

New members and guests at the meeting were welcomed by President Salmons.

The reports of the standing committees were as follows:

Membership Committee - Larry Briggs Chairman: We had two new members and one re-instatement. The new members are Pat Grogan and Jerry Bruns.

Christmas Party - Juanita Welker Chairman: Plans are proceeding smoothly and there is hope that this will be the best Christmas party the club has had. Earl Salmons reminded everyone that to participate in the gift exchange you must bring a gift. $5.00 maximum Please.

Nominating Committee-Jim Wells Chairman: A list of nominations recieved as of the October meeting were read. They are as follows: Joel Hillyard, president; Dan Deustchmann, vice president; Juanita Welker, secretary; Bob Suarez, treasurer; Patrick Foley, editor, and Jim Tomlinson, librarian. Larry Briggs and Earl Salmons are listed as nominated for members at large.

Additional names now included on the list of nominations are: Wally Maier, vice president, and Ken Hicks and Mike Taphorn for members at large.

Raffle Committee - Joel Hillyard: We now have enough in ticket sales to cover the expenses of the raffle.

There was discussion on purchasing items for the good of the club. The items discussed are as follows: a PA System for meetings, a Commodore 128 and a

(Continued)

New members

Two new members joined the ranks of the GCC at the November meeting. They are Jerry Bruns of Belleville and Pat Grogan of Edwardsville. The club welcomes bothof these new members.

The following members are reminded to renew their memberships by the December meeting to be able to continued participation in the club. They are:

John Barrett, Bryan Bruss, Chuck Clarkson, Scott Harter, Mike Hubbs and Lee Lulue.

Also Harold Mathis, Robin Patterson, Byron Proffer, Carl Sigler, Roger Wittman and Jim Wright.

Remember, you can renew your membership either by mail or in person at the November meeting.

All members are reminded that memberships may be renewed at anytime. This extends your membership a full 12 months from your present expiration date, regardless of when you renew.

Don't forget, you must have a valid membership card to vote on all club matters and to participate in the quarterly copy sessions and any other club functions.

Secretary-con't.

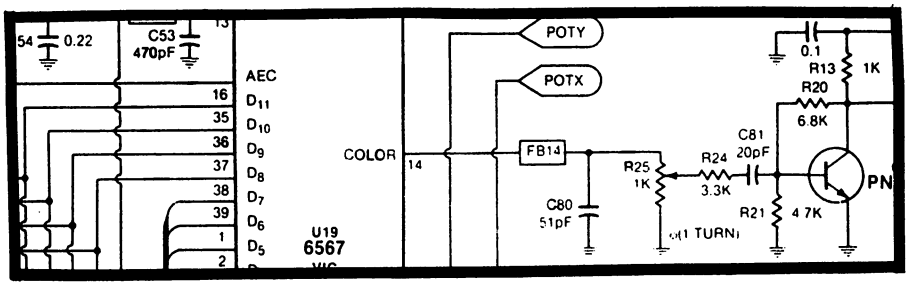
1571 Disk Drive. After a thorough discussion there was a motion made and seconded from the floor that these items be purchased. The Club purchased a PA System from GCC member Terry Aaron and the treasurer was instructed to check for best prices on the remaining items to be purchased.

Payment for the rental of the hall for copy sessions was approved by the membership.

There was a motion made and seconded from the floor to sell the club's Commodore 64 at the auction which was held after the business portion of our meeting.


Happy
Holidays
To All From
The Gateway
Computer
Club Board
of Directors

The Tech Corner



by Rich Fisher

Last October, I pleaded with the populous of the meeting for questions for this column. I was amazed by the large number of questions posed to me then, but still there was no mail to be found this week.

It still astounds me that very few of you will pick up pen and postcard and mail your questions to my P.O. box. I did my best to capture some noteworthy questions as asked, but since none of you introduced yourselves, the signatures are mine.

Rich (There is no dear in the oral questions!)-

A friend of mine made a copy of a disk for me (public domain, I'm sure) and while it runs fine on his disk drive, it won't get to first base on mine (well, now I know what the program is anyway). What could I be doing wrong?

Signed:Red Blinking Light

Dear Red:

I really have to remind myself that not everyone has read all the past newsletter articles (Maybe our editor, always yelling for material, could pull some of the better ones from the morgue and reprint them) so here goes: The plain simple fact is somebody's disk drive is out of alignment. Now the question is; whose?

To find out, try to load and run a commercial disk (unprotected, like one from our library) in both of the drives and if the red light blinks while loading, you've found your culprit.

(Editor's note: the January "Tech Corner" will deal with aligning your disk drive yourself. Rich will talk you throughone procedure that can save you time and money by aligning your 1541 drive at home. Of course you do it at your own risk)

Hey Rich-

Lightning got my computer last month, what can I do to protect my new one?

Signed-Burnt

Dear Burnt:

I only have two lightning suggestions: unplug your system during storms...basic, I know, but it is the only REAL protection, or use an extension cord with a surge protected outlet box at the end for all of your computer equipment.

If you want to make your own, just install a METAL OXIDE VARISTOR (Radio Shack Part #276-568) across the first socket, and a fuse rated slightly larger than the amperage needed to power the equipment between the plug and the MOV. If the fuse ever blows, check the MOV for physical damage, if none visable your computer has just missed death. This is the best protection available, and sometimes lightning will still get past.

Rich

Dear GCC Members-
Why don't I get any questions by mail anymore?

Rich

Dear Rich-
I have a question, I am writing it down right now and I promise to post it just as soon as I finish reading the rest of the newsletter. I plan to send it to:

THE TECH CORNER
PO BOX 207
BELLEVILLE, IL 62222

In fact, I hope you don't mind, Rich, I may even ask you two questions. I probably won't sign my real name, but make up something funny or clever just to see if you will print it.

THE GCC MEMBERSHIP

CERTIFICATE MAKER

review by
Bill Eardley

All of us liked Print Shop & Print Master for all the nice graphics which were generated. Now comes Certificate Maker. If you have need for presenting certificates, this program is a must. There are 220 ready made certificates. All you have to do is add the personal touch.

The first computer screen after loading shows three main headings. If you want to make copies of the same certificate for a number of people you would use the cursor to move to the *name* file. Generally if for just one certificate press return when the cursor is on "make certificate" file. Next you will be ask for the certificate number (1-220). After entering this, press return, and you are ask to select the boarder. There are 24 boarders from which to choose. Now it is time to select the font style you want for the certificate tittle from the list of five. After being ask to enter a title for you certificate. You may choose either small or large type font size for the title.

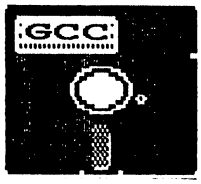
We are now ready for the body of the certificate. Different certificates all different number of line input according to the certificate and the font type we have chosen for the body. After entering the body, the next screen ask us to enter the date. It can be of spelled out or simply numbers (December 25, 1986 or 12/25/86). Unlike all the other fonts, the font size can not be changed for the date line. This is also true for the next screen which is the signature line. This line has a special font reserved only for use on this line.

As we worked our way through the program and screens, the words new disk appears as a choice. This option even though on the screen is reserved for new added enhancement to be released in the future. It thus appears that this program will be supported for a long time.

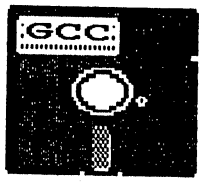
If the certificate we choose has a name blank we are now ask to fill it in or use the name file previously created. We are now ready to select the names and print the certificate. Just like all the other print programs you may go back to change a screen by pressing a key. Colored paper or colored ribbons may also be used to enhance the printing.

I would recommend this program if you have need for certificates either for the home, office or fun. Your sports team would love awards from this program. My only negative commends is, I wish it gave you an opportunity to design a certificated from scratch. **HAVE FUN.**





D. O. M.



by Ken Welker

CONSTR SET
creature
house Use Construction set to build a house or create your own creature.

ATTACK COPTER Save the city from a flying saucer attack.

FLIGHT SIMU Test your skills at flying your light aircraft on to the airport runway. Watch the instruments as the runway comes into view.

WORD SEARCH Custom make your own word find puzzles.

PUZZLER Try to beat the clock and make the two color block puzzles match. The amount of time you get to solve the puzzle is determined by the size puzzle you have the computer make.

RIKI TIKI.C Deadly experimental mutant snakes have escaped their cages. Only Riki Tiki can stop them and it's up to you to help him.

CARIMS KENO Play the card game of Keno against the computer.

CHRISTMAS
.christmasmusic
.christmascode
.chrsprtsetup
.chrstmasroot1
Load"CHRISTMAS",8 then RUN. This will load and play Christmas music with a special Christmas greeting from the Gateway Computer Club. This program was customized for the club, by club member Bill Eardley of Springfield, Ill.

NAME THIS TUNE This program will play 5 songs from a list of 50, as you recognize the tune, hit any key on the keyboard and try to "Name This Tune".

GCC CompuTips

If you're working in BASIC and don't have a reset switch, yet, try typing SYS64738. That's the SYS number for a "warm start" that resets the BASIC pointers without having to wear out the on/off switch on your C-64 or C-128 in 64-mode.

Christmas party is taking shape

By Juanita Welker

Everything is proceeding smoothly for the Christmas party.

Please remember that for the gift exchange you must bring a gift to receive a gift. A $5.00 maximum, please.

If any of our younger members wish to participate in a game tournament at the Christmas party and HAVE NOT signed up yet, please call me before Dec. 12. My phone number is 234-5901.

In closing, I want to wish to all of you a most joyous and happy holiday season.

Attendance does pay

At the November meeting the following members should have been present.

Your membership numbers were drawn by computer for the attendance prizes. Hugh Dittoe, Pat Wright, Bryon Proffer, Vince Foley, Robert Kirkham, Jim Wright, John Tanner, James Greer, Ruth Shaw, Guy Germaine, Dale Goldsmith, Bryan Bruss and Emmett Salmons Jr.

The eventual winners were Dennis McBride (didn't we hear that name before) and Everett Truttmann. Congratulations to both of you.

It really does pay to attend the monthly meetings!

The Review Vault

by Vince Foley

This month, the Vault has been opened and Ultima IV has been released.

Ultima IV is a truly impressive fantasy role-playing game. It was written by Lord British (Richard Garriott) and marketed by ORIGIN SYSTEMS INC. It was converted to the Commodore 64 by Chuckles.

Ultima IV is one of, if not THE, best graphic adventure games I have ever played.

This is not because of the graphics, which are excellent. And its not because of its commands, which are extremely easy to master. Rather, it is because of the neatly detailed manner in which the game is written and packaged.

Since there are so many different things about the game that I could write about, I am having a hard time trying to decide just how to review the game best.

So I think I will tell about what impressed me the most: Character development.

When the game begins, you are given eight situations in which you must decide the outcome. These situations deal with fundamental characteristics of human nature (i.e. honor, sacrafice, valor, etc.).

The way you decide determines what class you are. Some of the classes you might become are the mystical mage, the entertaining bard, the heroic fighter, the valorious paladin or any of the many other classes.

Each class, having its own benefits and deficiencies, must gather a group of companions to fulfill the quest.

What is this quest, you may ask? Why 'tis the quest of the Avatar.

In the game, the Avatar is a person who has mastered his inner self and becomes a shining example for the nation, and a guide from the Age of Darkness to the Age of Light.

How do you fulfill the quest? Well, unlike most games, the fighting you must do, although important, is not the most important aspect to the game.

The Combination

	1 5 9
Originality	$$$$$$
Graphics	$$$$$$$
Shelf life	$$$$$$$
Challenge	$$$$$$$$
Value	$$$$$$$

The most important thing to remember is to talk to the people in the game, all of whom have something to say. What some have to say is neccessary to complete the game; what others say, well, there are fools in any world.

Till next month, so long.

LARRY BRIGGS

AND

EARL SALMONS

for

M A L

vote Jan. 21, 1987

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C1571 $299
C1902 $299

C64 $167
C1541 $200
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MON. - FRI 9 TO 7
SATURDAY 9 TO 5

We are looking for a limited number of working VIC20 computers.
$40.00 will be paid for each working unit. Limited time offer!!!!

KEYWORD SEARCH PUZZLE

By Lou Avanzi

This word puzzle is reprinted from "The Ship's Log," the bi-monthly newsletter of the Silver State Computer Users Group in Las Vegas, Nevada.

Find these words in the accompanying puzzle:

C A G B C D E L F G B P H D N E
L P I E J K L I M Q E N O P R S
O E E X T W T S V E E E U T T S
S M Y T T Z A T K D R A K A B G
E I H U S G B F E A O D T O O C
I T P R E T U R N O T U O S P P
J N K L T N E W M L S N U O V Q
I V O N U N U R T S E B T R E R
W X I P Y S O Z A B R S C E R A
H R G F E E A T D T X E N A I T
P I J K L N M V O N O P Q D F A
D I M V T I A W E G U T S R Y D

SAVE DIM PRINT STATUS STEP RUN
DATA LIST INPUT RETURN STOP GET
READ TIME LOAD VERIFY WAIT END
OPEN NEXT POKE RESTORE GOTO TAB
PEEK GOSUB CLOSE NEW

Comlink BBS offered to GCC membership

By Terry Aaron

Comlink, a bulletin board service in Collinsville, is now offering Gateway Computer Club members their own private message base.

The BBS has been on-line for over a year now, serving modemers in the Metro-East area.

Comlink is the fastest growing BBS in the Midwest! With over 20 Megabyte domain, it offers users with public and private message bases to post bulletins and electronic mail.

Comlink is a Commodore system. That is, owners of Commodore computers are offered a file transfer section for uploading and downloading programs and text files.

It is free or fee type system.

An interesting addition at Comlink is new software that offers Commodore users full "color graphics" within their message or electronic mail. To use the color graphics features, you must have a terminal program that supports color graphics.

One such program was included on the November GCC disk of the month for the 128. If you do not have one however, several will be available to download on Comlink.

Comlink is operated on a C-64 computer with 128K RAM expansion, an ICT Data Chief 20 Megabyte hard disk and a Hayes-compatable 300/1200 baud modem.

The BBS is on-line 24 hours every day.

For more information contact the system operator, SysOp, GCC member Terry Aaron or log on to Comlink via modem by calling 344-3907.

Be sure to leave word that you are a gateway member after logging on.

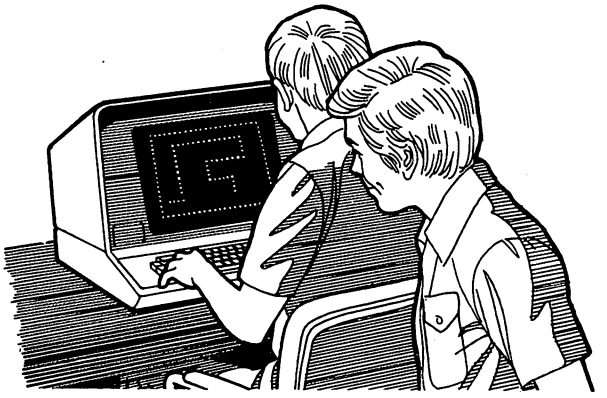
The Pawn available for adventure buffs

By Jeff Barthel

Bored with all those other adventure games on the market which ask for only two-word commands? Can't find a good, challenging adventure game?

Well look no more, adventure game buffs, The Pawn is now available for the Commodore 64/128!

The Pawn, created by Magnetic Scrolls and distributed by Firebird Licensees, can only be described as brilliant!



Software Review

The graphics are truely incredible. The parsar is also highly advanced and players can input commands such as "Drop everything but the key then go south and climb the tree."

An adventure game can not be complete without a little humor in its vocabulary and The Pawn is no exception.

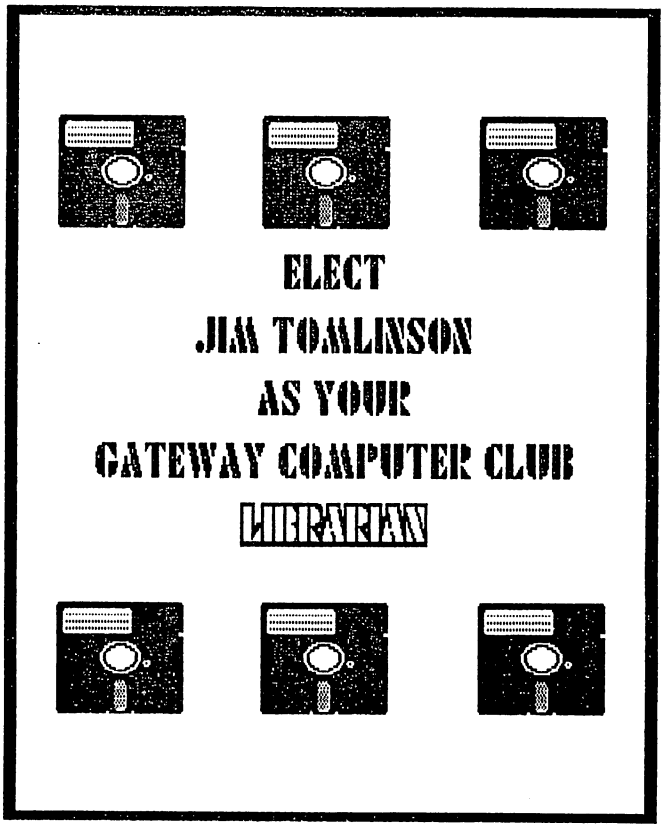
For example, in the game there is an adventurer who rides a horse that has no legs! Trying to kill either of them will give the response of "The horse draws his Magnum and says 'Go ahead, make my day.' "

If the player tries to do the same thing again (why, I don't know), the computer responds with "The horse, in an attempted southern drawl, says 'My rider didn't like that.' He swiftly draws his Magnum and fires in the same movement, filling you with lead." (Clint Eastwood, eat your heart out.)

Attempting to read a note given to the player by an evil magician will respond with "Dear, dear, reading someone else's mail eh? - The strong magic which created the note quickly frazzles your mind, reducing you (if that is possible) to an idiot. Your unthinking brain continues, until you reach the punchline...You have died."

Players have the option of playing with the graphics on or off, simply by typing GRAPHICS ON or GRAPHICS OFF. Playing with the graphics off speeds up gameplay, but nearly all the graphics are so artistically done, I don't see why anyone would.

Whether your a long-time fan of the Zork series or just looking for a good clean adventure game, Firebird Licensees has given the adventure gamer the ultimate challenge.



Classifieds

Wanted

PRINTER WANTED. DPS 1101 Commodore printer. Call 224-9357 after 6 p.m.

1541 DISK DRIVE for C-64. Call George at 344 3311.

ISEPIC PROGRAM. Call Everett at 632-4735

CLASSIFIEDS ARE FREE to GCC members and will be run as often as space provides in the Gazette. Sell your old software and unused hardware that's just collecting dust. Computer oriented items have priority. Sign up at meetings or send to Gazette c/o 917 Washington Ave., Madison, IL 62060 or call 876-4566 after 6 p.m.

Hardware

FOR SALE OR TRADE. Navaron Cartridge Expander for C-64. Brand new, value $29.95. Will trade for software. Also will trade original software no longer needed for productivity programs. Call George at 344-3311.

ENTIRE C-128 SYSTEM. Hardware includes: C128, 1541, NEC color monitor, Gemini 10X, Cardco printer interface, joystick and cooling fan. Plus a great deal of software, including: EasyScript, EasySpell, Assembler, Basic 64, Pascal 64, Datamat 64, LOGO, EasyMail, Electronic checkbook, the CBM screen editor and many games. All for $700. Call 797-1524 after 6 p.m.

NEW IN-THE-BOX MSD SD-2 dual drive, $400. Call 632-6545 after 5 p.m.

COMMODORE 64 with reset switch built-in, A good deal at $110. 1541 Flash! only $30. Call 235-6858 after 5.

OLIVETTI JET INK PRINTER with graphics driver and CARDCO B interface, like new, 10-months-old, $175. Call 235-4826.

MSD SINGLE DRIVE, $175. Ventel modem, 300-1200 baud, $200. Plus-4 Commodore, $60. Cardco G+ interface, $30. Call Ken Hicks at 337-5653 (Cahokia).

Miscelaneous

WURLITZER 3-keyboard organ. Loaded with features like automatic rythym section, chords and bass. Call Emmett at 398-4627 after 6 p.m.

USED TRUMPET, works good. $35, price negotiable. Call Jerry at 235-6484 or 235-0703.

Free disks for Gazette articles

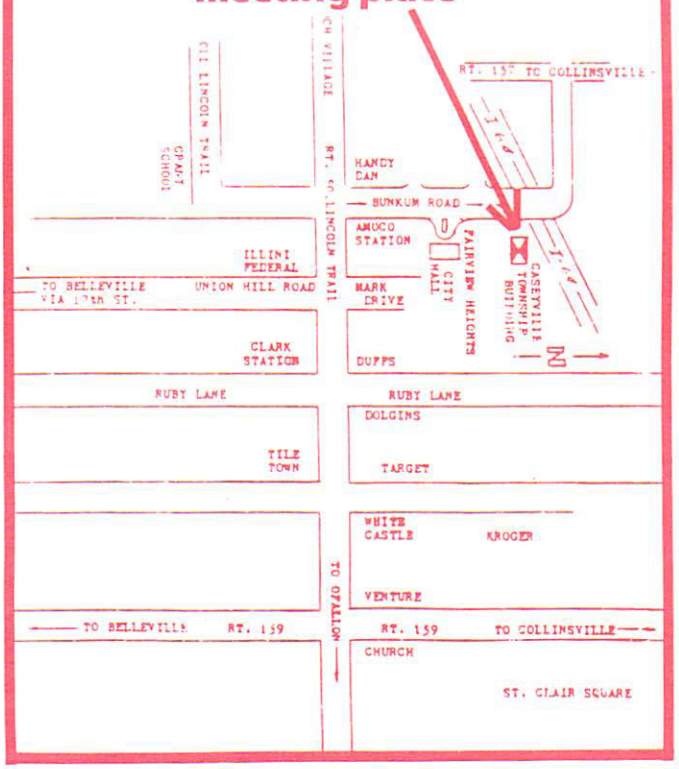
To help fill the pages of the Gazette, anyone submitting an article which is published in our newsletter will receive a free disk and their choice of a side of programs from the GCC library.

We're not looking for Pulitzer-prize winning stuff, just short articles about hardware or software you've come across, short utility programs to help us all or anything else you would like to share with the club.

See editor Patrick Foley at the next meeting for more information.

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Gateway Computer Club meeting place



GCC Directory

Next Meeting:

Dec. 17-7 p.m.

Dec. 19-7 p.m.

(At Denny's Restaurant)

Next Copy Session:

To be announced

Next Exec. Bd. Meeting:

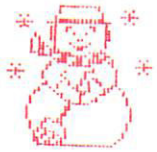
Visitors Always Welcome At Meetings

Meetings are held the third Wednesday of every month at the Caseyville Township Hall, 10010 Bunkum Road in Fairview Heights

GATEWAY COMPUTER CLUB
P.O. Box 1839
Fairview Heights, IL 62208



VOLUME 3 DECEMBER 1986 NUMBER 12



Check your dues date!

First Class

